

The CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

MAY 4 1957

*A place
in the*

sun


• with the knowledge that should sunburn, prickly heat, or insect bites and stings spoil the pleasure, then prompt, soothing and cooling relief may be obtained with 'Anthical' Lotion.

• Supplied in containers of 4 fl. oz. (containing 2 per cent mepyramine maleate)
... retail price 3s. 6d.* plus 8½d. purchase tax
*subject to usual trade discount

'ANTHICAL'
trade mark brand
MEPYRAMINE MALEATE/ZINC OXIDE
LOTION

MANUFACTURED BY:
MAY & BAKER LTD





When spring means Hay Fever



Neophryn with Antihistamine safely relieves nasal congestion and local irritation, without causing rebound congestion or other troublesome side-effects. Neophryn with Antihistamine is being widely advertised to the Medical Profession during the Spring and Summer months.

*Supplied in a yellow plastic atomiser,
Retail price: 4/0d.*

NEOPHRYN

Trade Mark

with Antihistamine

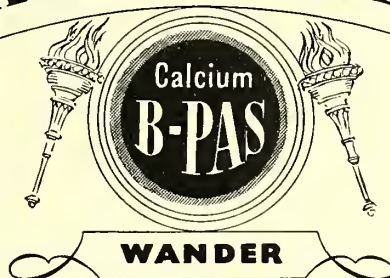
BAYER**PRODUCTS LIMITED**

Neville House, Kingston-on-Thames, Surrey

Associated exporting company

WINTHROP PRODUCTS LIMITED

CHEMOTHERAPY OF TUBERCULOSIS



the newest proven modification of PAS for safe, acceptable, convenient and therapeutically reliable performance in combined regimens with Isoniazid.

B-PAS (Wander), 4-benzoylamino-2-hydroxybenzoate, first introduced by our Research Laboratories in 1948, is an acknowledged contribution to tuberculotherapy.

ADVANTAGES

CALCIUM B-PAS (Wander) is virtually insoluble.
It provides high blood levels of extended duration.
It is practically tasteless.
It is well tolerated and best suited for domiciliary use.

MULTIPLE PRESENTATION FOR COMBINED REGIMENS

CALCIUM B-PAS (Wander) is available as such in two convenient forms: Powder and Cachets. Content in each form is ranged so that the daily regimen is simplified. The 3.5 g. Powders taken with a draught of water or milk are especially acceptable. For combined regimens of B-PAS and INAH, 'B-PASINAH' Powders and Cachets according to preference supply the advantage of concurrent therapy in readily acceptable form which practically ensures the patient's co-operation in carrying out instructions.

PACKINGS

CALCIUM B-PAS WANDER

Powders: Tins of 150 and 500 x 3.5 g. envelopes
Cachets: " " 80 and 400 x 1.0 g.
Sodium B-PAS (Wander) also available in 1.5 g. Cachets

'B-PASINAH' (B-PAS plus Isoniazid)

Powders: Calcium B-PAS (Wander) 3.5 g.
Isoniazid 87.5 mg.
Tins of 150 and 500
Cachets: Calcium B-PAS (Wander) 1 g.
Isoniazid 25 mg.
Tins of 100 and 500

Price details of all forms of PAS from the Medical Dept.

PASINAH' Cachets of 1.5 g. Sodium PAS and 17, 25, 33 or 50 mg. Isoniazid also available.
Tins of 100 and 500.

All Wander tuberculostatic products are available from usual wholesalers or direct from

A. WANDER LIMITED

42 Upper Grosvenor Street, Grosvenor Square, London W.1

CANADA: A. Wander Ltd., Peterborough, Ontario. AUSTRALIA: A. Wander Ltd., Devonport, Tasmania. NEW ZEALAND: A. Wander Ltd., Christchurch. INDIA: Khatau Valabhadas & Co., Indian Globe Chambers, Fort Street, Fort, Bombay, I. PAKISTAN: Grahams Trading Co. (Pakistan) Ltd., P.O. Box. 30, Karachi. CEYLON: A Baur & Co. Ltd., Colombo.



T. 49

Britain's newest factory for tissue products— opens new era for retailers



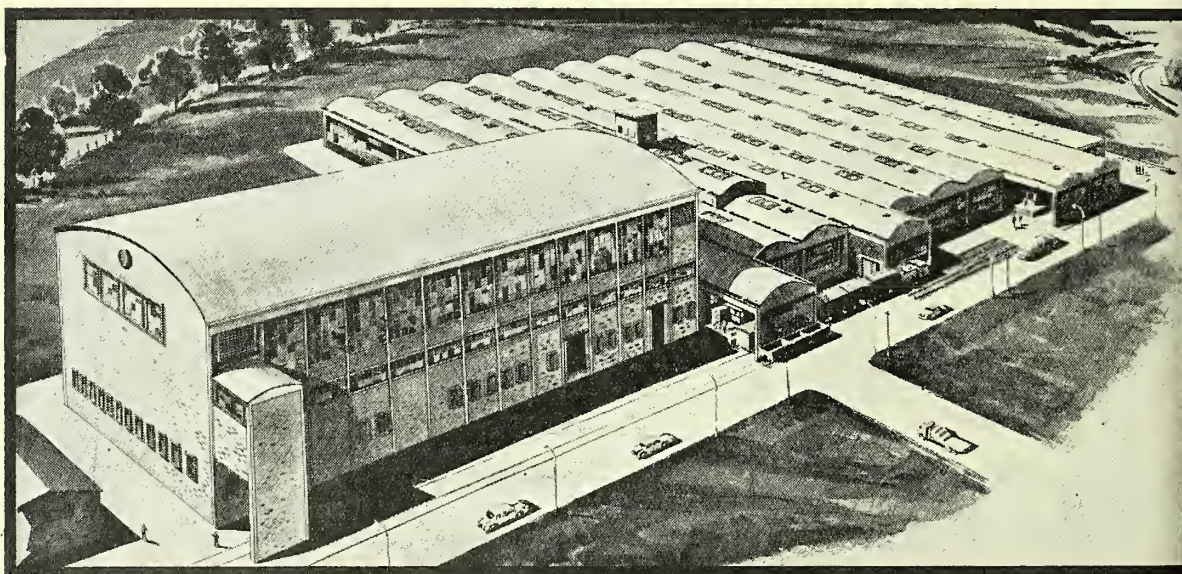
The opening of this magnificent new Kimberly-Clark factory at Aylesford, Kent, for the production of cellulose wadding is a major development in the expansion of the retail market for tissue products.

Planned in co-operation with the Reed Paper Group, this new plant incorporates the latest manufacturing techniques and is the most modern of its kind in Europe.

From Aylesford will come the extra wadding needed for the increased production of a long line of famous branded products—Kleenex tissues, Delsey toilet tissue, Hi-Dri paper towels, Kleenex Medical Wipes, Kotex sanitary towels—tissues for every conceivable purpose, from paper squares to neck towels for hairdressers.

With its increased production facilities this new Kimberly-Clark plant will allow the most rapid expansion of the whole tissue market and signals a new era of ever-mounting sales and prosperity for Kimberly-Clark stockists.

The planned development of new factories like that at Aylesford, with matching marketing and advertising services to increase public demand, are an integral part of Kimberly-Clark's plan to raise retailers' profits to a new high level in this country.



New uses, too, are constantly being sought for cellulose wadding, and from this new Aylesford factory will come the tissue products of the future—new household brands that tomorrow retailers will be selling by the million.

KIMBERLY-CLARK LIMITED

MAKERS OF: KLEENEX* TISSUES
DELSEY* TOILET TISSUE
KOTEX* SANITARY TOWELS
HI-DRI* PAPER TOWELS
KLEENEX* MEDICAL WIPES
and other tissue products

As the world's largest producers of tissue products Kimberly-Clark is unique in having the knowledge and experience that makes this expansion possible.

DEXTROSOL

the **ONLY** glucose tablet with
BIG nation-wide advertising



*in all the
TOP nationals*

**DAILY EXPRESS
DAILY MIRROR
NEWS OF THE WORLD
RADIO TIMES
ETC., ETC.**



**CYCLING
CRICKETER
GOLF ILLUSTRATED
WORLD SPORTS
ETC., ETC.**

*in all the TOP
Sports Journals*



**28 NEWSPAPERS & MAGAZINES
TOTAL CIRCULATION OVER 51 MILLION!**

GET YOUR SHARE OF THE UPSWING IN DEXTROSOL BUSINESS!

MADE BY THE PHARMACEUTICAL DIVISION OF BROWN & POLSON LTD., WELLINGTON HOUSE, 125 STRAND, LONDON, W.C.2

BURROUGH'S ABSOLUTE ALCOHOL

JAMES BURROUGH LTD. 1 CALE DISTILLERY LONDON S.E.11

LABORATORY NATIVELLE LTD, presents :

NATISEDINE

A new GENERAL SEDATIVE with
elective cardiac action

Each tablet contains :

Phenylethylbarbiturate of Quinidine: 0.10 gm.

A new, crystalline salt of high purity, stable
and with definite physical characteristics.

Tube of 20 Retail price 10/2½
Bottles of 100 (Dispensing Packs)

LABORATORY NATIVELLE LTD

74 White Lion Street, London, N.1

Other lines : NATIVELLE'S DIGITALINE—OUABAIN ARNAUD
IODHEMA—NATIROSE

THE WORLD'S GREATEST BOOKSHOP

FOYLES

*** FOR BOOKS ***

NEW, SECONDHAND AND RARE

BOOKS

Foyles have departments for Gramophone Records,
Stationery, Handicraft Tools and Materials, Music,
Magazine Subscriptions, Foreign Stamps.

119-125 CHARING CROSS ROAD, LONDON, W.C.2

Gerrard 5660 (20 lines) ★ Open 9-6 (Thur. 9-7)

Two minutes from Tottenham Court Road Station

Always in Demand

RODINE

Rodine Phosphorus, Rodine Red Squill,
Rodine Warfarin (Ready-to-use or Concentrate),
and Special Rodine Mouse Warfarin.

THOMAS HARLEY LTD., RODINE WORKS, PERTH, SCOTLAND

'IMPACT' advertising
creating new sales records!

NERVONE

The New Nerve Nutrient

T.V. 'spots' on London and Midlands stations are now
adding 'IMPACT' to the hard-selling press, poster and
theatre campaign. Are your stocks of 'NERVONE'
adequate?

OBTAINABLE FROM WHOLESALERS EVERYWHERE

Dispensing

CORKS?



Immediate delivery from
RANKIN BROTHERS & SONS
(RANKIN PARTNERS, LTD.)

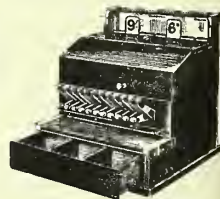
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CORK FORESTS IN PORTUGAL

139 Bermondsey St., London, S.E.1
Telephone: HOP 0074

**EXTERNALLY similar—
INTERNALLY**

—radically different

The external appearance of a GLEDHILL
Cash Register is not much unlike other
makes—keys, price figures and cash
drawer. Inside, however, the operative
mechanism is rather revolutionary in
design. Many ingenious and patented
features, exclusive to Gledhill, contribute
to the accuracy, reliability and trouble-
free service of this famous machine.
Five distinct types cater for the special
needs of various businesses; these are
described and illustrated in the Catalogue
which will be sent on request.



DON'T GUESS — GET A GLEDHILL

Hire purchase terms available.

G. H. GLEDHILL & SONS LTD., 28 TRINITY WORKS, HALIFAX

FOR THE HARD-SELLING MANUFACTURER!

Your direct mail shots tying-in with the rest of your inspired campaign, can now pay the retail
pharmacist the supreme compliment of a matched letter and each carrying your personal signature.

This powerful new technique introduced for the very first time into any competitive industry in the
world, advances your mailings to where the results achieved are the maximum and the outlay required
no longer prohibitive.

FOR NEW POSITIVE SELLING — WRITE AN INDIVIDUAL LETTER

DON'T DELAY — ACT TODAY

PHONE: TERMINUS 2543

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(continued overleaf)

Of proved efficiency against infection

The Antipeol products incorporate the broth filtrates of the microbes common to most cutaneous, naso-pharyngeal and ocular complaints.

ANTIPEOL

CUTANEOUS OINTMENT

For the immediate treatment of Burns and Scalds.
For Boils to avert surgical intervention. Also for ABSCESSSES, ECZEMA, CARBUNCLES, VARICOSE ULCERS, HAEMORRHOIDS, and certain types of DERMATITIS.

RHINO-ANTIPEOL

PROPHYLACTIC NASAL CREAM

For ASTHMA, BRONCHITIS, CATARRH, CORYZA, RHINITIS and many other infections of the naso-pharynx.

OPHTHALMO-ANTIPEOL

THERAPEUTIC OPHTHALMIC OINTMENT

For BLEPHARITIS, CONJUNCTIVITIS, DACRIOCYSTITIS, KERATITIS and other inflammatory conditions of the eye.

Among the MEDICAL AND NURSING PROFESSION and THE FIRST AID ASSOCIATIONS, the ANTIPEOL preparations enjoy a continued and growing popularity. They are highly regarded as simple but effective remedies against even the more virulent forms of skin, nose and eye infections.



MEDICO-BIOLOGICAL LABORATORIES LTD.

CARGREEN ROAD, SOUTH NORWOOD, LONDON, S.E.25.

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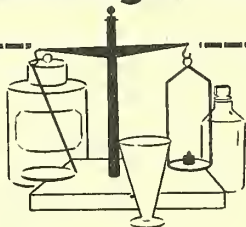
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A message to modern managements



THE "DUCHESS" (illustrated)

Made in superior quality Poplin or Rayon, this elegant style is pleated back and front and has 2 side pockets, all-round belt to button and button cuffs. Sizes: SW, W, WX, OS and XOS. In wide range of colours. Price 31/6.

THE "PROFESSIONAL" (for men)

This Long Coat has a stitched down half-belt back and is made in a special satin drill. Features: detachable buttons, 2 side and 1 breast pocket with division. 2 side vents to trousers. Vent cuffs. Seam back. Centre vent. Price 32/9.

★ Send today for a free copy of Gardiner's Overall Catalogue illustrating more than 30 styles.

Make sure your staff always looks smart and efficient in well-tailored overalls from Gardiner's. For protection, for good looks, you can't beat these elegantly-cut and finished garments. They're so hygienic—so crisp and clean. Wash them time and time again—they still look as good as new. Gardiner's overalls are made in a wide range of styles and materials, including drill, rayon and nylon.



GARDINER & CO (The Scotch House) Ltd

1, 3 & 5 Commercial Road, London, E.1
 (Opp. Aldgate East Tube Station)
 Telephone: BISHopsgate 6751/3

Open all day Saturday — closed 1 o'clock Thursday

introducing sterisil

TRADE MARK

**A New Gel
for the
treatment of Vaginitis**

Sterisil is effective for the treatment of all vaginal infections. It is recommended that a course of 12 applications be followed, even though a clinical cure may be achieved after six.

Sterisil Vaginal Gel is odourless and does not stain.

Sterisil is being brought to the notice of doctors by our representatives and by advertisements in the medical press.



You will shortly be receiving prescriptions for this important product.

Sterisil is available as a set containing a tube of vaginal gel, sufficient for six treatments, and six disposable applicators.

PRICES

1½ oz. tube: retail price 16/- each (inc. P.T.) list price 106/8d per doz. (exc. P.T.) purchase tax 32/- per doz.

sterisil

TRADE MARK

WILLIAM R. WARNER & CO. LTD. LONDON & EASTLEIGH

STER 348/21

More effective in clinically important

infections than any other antibiotic

TRADE MARK

'CATHOPEN'

TABLETS

NOVOBIOCIN AND PENICILLIN G

Combines the dramatic *new* antibiotic 'CATHOMYCIN' with Penicillin G, the most widely used antibiotic ever developed; this alliance achieves the added advantages of both, while eliminating gaps in coverage presented by either antibiotic alone.

Compare these advantages

- 1 Proved effectiveness in the largest number of important infections including those caused by resistant *staphylococci* and *proteus*.
- 2 Therapeutic *bactericidal* blood levels are achieved rapidly.
- 3 Exceptionally well tolerated; sensitivity reactions are rare at recommended dosage.
- 4 No yeast or fungal super-infections or any antibiotic-induced enteritis, vaginitis or proctitis have been reported following 'CATHOPEN'.
- 5 No problems of cross-resistance have been encountered with 'CATHOPEN'.
- 6 The normal intestinal flora is not disturbed by 'CATHOPEN'.

Some important infections where 'Cathopen' is indicated

DOSAGE: for adults—two tablets q.i.d.; for children under 100 lbs.—dosage in proportion to weight (e.g. one tablet q.i.d. for a child weighing 50 lbs.).

How Supplied 'Cathopen' tablets are supplied in bottles of 16 and 100.

Each tablet contains:
'Cathomycin' (Novobiocin) . . . 125 mg.
Potassium Penicillin G . . . 125,000 units

Basic N.H.S. Prices:
16's, 26/8d; 100's, 160/-d.

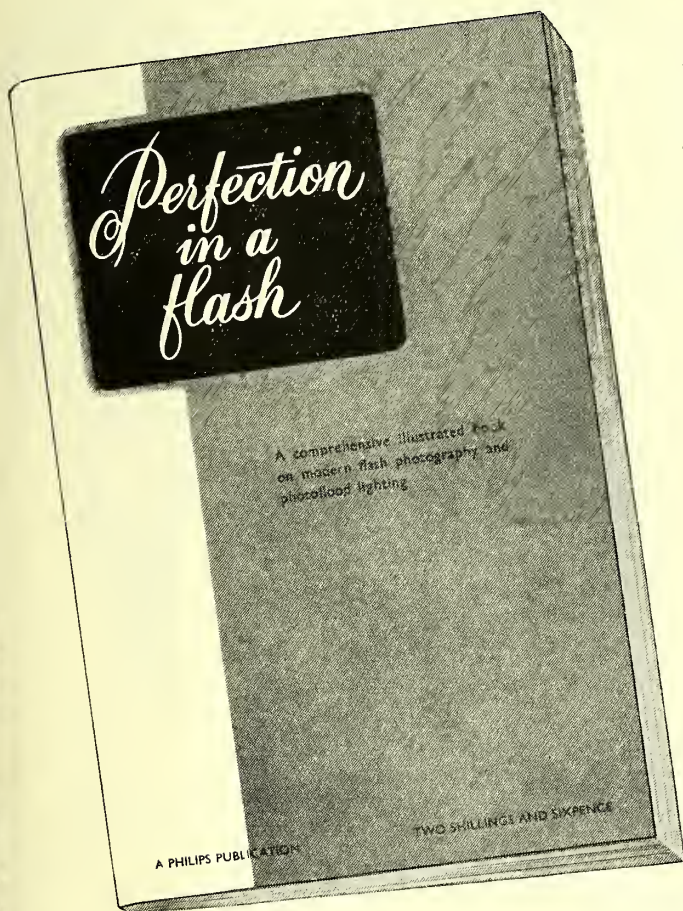
Furuncles	Acute otitis media
Recurrent and persistent carbuncles	Vincent's angina
Breast abscess	Bronchitis
Whitlows and paronychia	Cervical lymphadenitis
Superficial skin infections	Osteomyelitis
Infected wounds	Erysipelas
Tonsillitis	Staphylococcal septicaemia and enteritis
Pneumonia	Cellulitis
	Urethritis



MERCK SHARP & DOHME LIMITED, HODDESDON, HERTS

BEST SELLER!

"PERFECTION IN A FLASH"



Already thousands have been sold — and current advertising will create a fresh demand! Make sure you have ample stocks of this popular book.

It's in big demand
and here's why:

- ★ *Most up-to-date reference book on 'flash'*
- ★ *Every aspect of flash photography covered*
- ★ *72 pages of helpful information*
- ★ *Over 40 illustrations*
- ★ *Comprehensive index*
- ★ *Handy pocket size: 7 $\frac{1}{8}$ " x 4 $\frac{3}{4}$ "*
- ★ *Stiff glazed cover*

The retail price is only **2/6** *Order your copies now!*

They're supplied in attractive display containers in 1 doz. lots

Published by



PHILIPS ELECTRICAL LTD

Century House • Shaftesbury Avenue • London WC2

(PP2042A)

This Loxene message will make a *BIG* impact

...through high, wide and handsome spaces
in all these great dailies

DAILY MIRROR — MAY 31

Full Page

DAILY EXPRESS—JUNE 20

13 x 5 cols

DAILY SKETCH—MAY 17

Full Page

DAILY MAIL — MAY 24

13 x 5 cols

*"Get down to dandruff with Loxene"
says the punch-line—advice that a host of new
users will certainly heed. So be prepared
for the upsurge of demand that this intensified
publicity will bring. Loxene is going places fast;
make sure you're on the band-wagon NOW.*

EVERYONE WILL SEE THE LOXENE ADVERTISING

With so many popular publications carrying the Loxene advertisement everyone must see them—over and over again. Think of the pulling power of NEWS OF THE WORLD, SUNDAY EXPRESS, WOMAN'S SUNDAY MIRROR, NEWS CHRONICLE, RADIO TIMES, WOMAN, WOMAN'S OWN, WOMAN'S WORLD, WOMAN'S ILLUSTRATED, READER'S DIGEST, WIFE & HOME. And there are many more.

The Loxene message can't be missed, so see that you get full benefit from the increased business it's bound to bring you

LOXENE

MEDICATION SHAMPOO

F. W. HAMPSHIRE & CO. LTD., SUNNYDALE,

SHALLOW-SHAMPOOING IS NOT ENOUGH!

Get down to dandruff
with LOXENE

MEDICATED AND PENETRATING!

Daily Mirror May 31
FULL PAGE

gives hair beauty through health
This dual-purpose shampoo contains a deep-cleansing medicated lotion that searches out every scrap of dust and dirt, that clears dandruff from the scalp. The scales and dullness that dim the hair's natural beauty are stripped away, leaving a fresh liveliness and loveliness.
Why Loxene rates high for family use
Thousands of families have proved the superiority of Loxene's super-efficient action. Dandruff and irritation disappear. The hair takes on a new vitality, a new manageability, and the beautiful, natural gloss that can only come from a clean, healthy scalp. People praise Loxene's other virtues too; its economy, its lather-at-once quality. No wonder so many declare that this popular shampoo has everything—it's absolutely ideal for all the family!

...so people wrote their praise — see what they say about Loxene
Mrs. P. F. W. Hillman, Middlesex:
I feel that I must write to tell you how much your shampoo has done for me. I have used many other shampoos but until trying your medicated Loxene, did not realize what a difference a good shampoo can make to my hair. It has completely cleared my dandruff, and I find my hair much more manageable. I will never hesitate to recommend it to my friends.
Mrs. J. E. J. London, N.Y. writes: May I say how much better our hair has been since using Loxene shampoo. My hair is much softer and silkier and I have no dandruff at all. Previous to using Loxene my hair was lifeless and hard to curl, and my husband's was lank and full of dandruff. Thanks to Loxene our hair troubles are over and I shall recommend it to all my friends.

BIG ECONOMY BOTTLE
9 SHAMPOOS

Daily Sketch May 17
FULL PAGE

SACHET
7d

Loxene is amazingly economical. Just one lathering makes the hair scrupulously clean. As Mr. A. B. of East Worthing puts it — "A little of it goes such a long way that it is the most economical shampoo I feel sure exists".

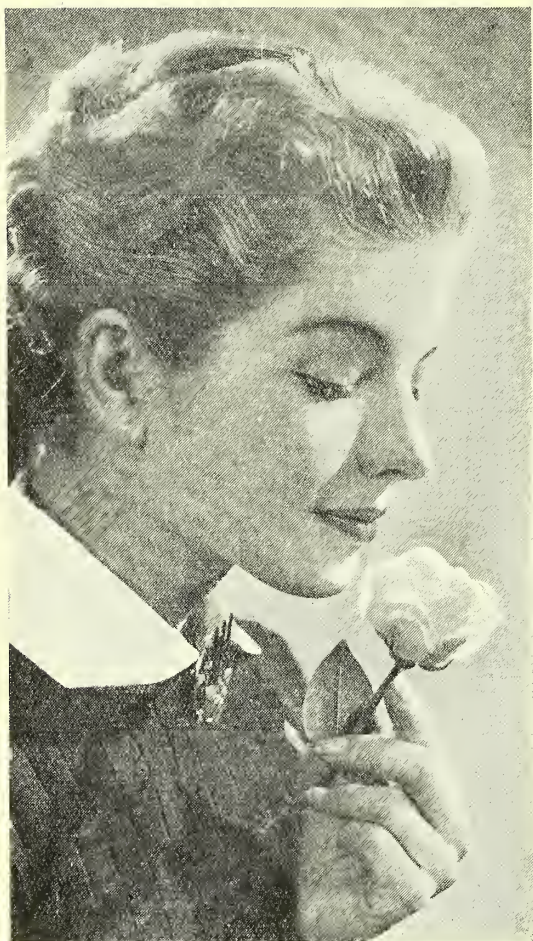
LOXENE
MEDICATED SHAMPOO

Daily Express June 20
13" x 5 cols.

takes good
care of the
family's hair

Daily Mail May 24
13" x 5 cols.





ZEPH

Nasal Spray

Introduced in October, 1956
— now a National Success

Five million
colds every month!
**Cash in on this
huge market with
Zeph Nasal Spray
on BONUS TERMS**



*'Twelve for the
price of eleven'*

One dozen invoiced at
23/5d gives a 54% mark up.
Two dozen or more at 22/-
a dozen give a 64% mark up.
On all orders received up
to 31st May, 1957.

THERE WILL BE a big demand for ZEPH NASAL SPRAY as a decongestant for summer colds and hay fever. Don't miss this great opportunity. Send in your bonus orders without delay to:—

SCOTT & TURNER LIMITED, Andrews House, Newcastle upon Tyne, I.

Great *Name-the-**Meet**-dog* Contest!

BOOST YOUR SALES!



NEW! **EXCITING!** **£2,600** **COMPETITION**

- * **Bigger Meet Sales — for you!**
- * **Bigger Profits — for you!**
- * **£355 in Special Prizes — for you!**

Backed to the hilt by
NATIONWIDE ADVERTISING!
MORE THAN 30,000,000
customers will see
SPECIAL BIG SPACE ADS. IN
NATIONAL PRESS—AND ON T.V.!

Big Prizes for your customers!

- FIRST PRIZE**
—a houseful of furniture or £1,250 in cash!
- OTHER PRIZES**
—20 Hoover Washing Machines
—50 'Fivers' in the new £5 notes.

71 Special £5 Prizes for you!

*The retailers who supply the prize-winners
with their tins of Meet will receive £5 in cash!

Order from
your usual
Suppliers!



*Stock up with **Meet** now!*

COMPETITION ADVERTISING BREAKS JUNE 21st 1957

*Start selling for the **Meet** Contest now!*



SEE WHAT YOU GAIN FROM AIR FREIGHTING

Count up these advantages

- Transit time cut from days to hours*
- Packing costs cut by up to 95%*
- Big reductions in insurance rates*
- Special commodity rates for many products*
- No warehousing or stockpiling*
- Negligible losses through breakage, theft or exposure*
- More markets within easy reach*
- A quicker return on your capital*

Have **YOU** thought about air freighting to and from Europe?

For detailed information on how to make the best use of BEA Air Freight Services, consult your Forwarding Agent or nearest BEA Office. Or write to this address: BEA Air Cargo Depot, Waterloo Air Terminal, York Road, London, S.E.1.

BEA operates frequent direct flights to all main commercial and industrial centres in Europe.

For example — THE NETHERLANDS

Day flights: 4 per day, 7 days each week. Night all-freight flights: every night except Monday.

For information on freighting to the Netherlands write for the special Netherlands folder.

FLY FREIGHT *BEA* ALL OVER EUROPE

BRITISH EUROPEAN AIRWAYS

LAPORTE FINE CHEMICALS

HYDROGEN PEROXIDE

BENZOYL PEROXIDE
ORGANIC PEROXY COMPOUNDS
MAGNESIUM PEROXIDE
ZINC PEROXIDE
UREA HYDROGEN PEROXIDE
SODIUM PERBORATE
SODIUM PERCARBONATE
PERSULPHATES
TITANIUM DIOXIDE
BARIUM SULPHATE B.P.
SODIUM LAURYL SULPHATE
EMULSIFYING WAXES



LAPORTE

Laporte Chemicals Ltd., Luton.
Tel.: Luton 4390.
Cables: Laporte, Luton.



Keep it **DARK** with **SHADEINE**

Still the best hair tint. In all natural Shades. Stocked by all wholesalers. Trade Prices: 1 oz., 21/- per doz., 2 oz. 36/- per doz. Purchase Tax 90%. Retail Prices: 3/11 and 6/8½ per bottle respectively.

**YOUR
SALES
ARE
ASSURED
IF YOU
STOCK
SHADEINE**

GOLDEN SHADEINE—2 oz. size at 21/- per doz. Purchase Tax 90%, Retailing 3/11 per bottle.



THE SHADEINE CO. LTD.

49 CHURCHFIELD ROAD, ACTON, LONDON W.

Meet Gayelord Hauser...

... the world famous dietician
whose books on
health and beauty are
revolutionising eating habits
throughout the world.



Gayelord Hauser was the first experienced dietician to understand that overweight might be the cause not only of physical ill-health but of unhappiness too.

Life & Beauty Limited market a whole range of products recommended by Gayelord Hauser. They build health and vitality by fortifying the modern diet with the valuable nutritional elements it so often lacks.

Londoners will be meeting Gayelord Hauser twice weekly on television and a press campaign will cover the rest of the country. The first product they will hear about is the new Gayelord Hauser Extra Potency Yeast, a safe

and easy natural aid to slimming. Retail price 3/6d. per bottle of 100 tablets or 7/6d. for 250 tablets—33½% profit to you! Incidentally, the retail profit margin on the entire Gayelord Hauser range has lately been increased from 30% to 33½%.

You—and your customers—will be hearing a lot about Gayelord Hauser this summer. His products can be ordered through all leading Wholesalers and from the sole distributors:

W. B. CARTWRIGHT LTD.

RAWDON NR. LEEDS · RAWDON 713-4-5-6

LIFE AND BEAUTY LIMITED · 5 AVERY ROW · LONDON W1

BIGGEST ADVERTISING DRIVE EVER

for

Vitapointe
OF PARIS

**DRESSING AND CONDITIONING
CREAM FOR THE HAIR**

SALES! SALES!
yet more SALES!
—and
PROFIT FOR YOU

VITAPOINTE'S Advertising this year will be greater than ever. This really outstanding big-space national campaign has already started. Profit by it by stocking, recommending and displaying Vitapointe NOW.

Just consider, quickly, these outstanding advantages which **only** Vitapointe offers:—



Inset: Miss Belinda Lee, star of Rank Organisation Films, is one of the stage, screen and T.V. personalities who feature in Vitapointe advertising.

TO YOU

PROFIT, more than generous, especially on Direct Display Terms.

ADVERTISING: Frequent large spaces, including full pages, in the leading National Women's Magazines, National Sunday and National Daily Newspapers. The advertisements will be seen and read by at least 31,420,000 (thirty-one and a half million) women each and every month, for the whole twelve months.

DISPLAY MATERIAL: Full-colour showcards, and special display outers featuring Belinda Lee, and which are designed to give maximum display value in minimum counter, shelf or window space, are available.

TO YOUR CUSTOMER

VITAPOINTE: conditions the hair to shining, flashing beauty in just one minute.

VITAPOINTE: needs no shampoo before use. You just brush it on.

VITAPOINTE: restores the tired perm, and encourages natural waves.

VITAPOINTE: stops frizziness, and split ends.

VITAPOINTE: is not greasy, but is absorbed by the hair, correcting sebum deficiency whether caused by physical condition or exposure to sun, sea-air, wind or industrially-polluted atmosphere.

VITAPOINTE: retails at only 3/9 for two months' supply.

—So Post your Order NOW!

VITAPRO (U.K.) LTD., CARLTON HILL, LEEDS 2. Telephone: Leeds 3476

London Office and Showroom, 34 Brook Street, Mayfair W.1. Telephone: Hyde Park 1221.



C A S C A R A
PREPARATIONS
by
Stafford Allen & Sons

Extract. Cascaræ Sagradæ Siccum B.P. Granulated

Extract. Cascaræ Sagradæ Siccum B.P. Pulverised

Extract. Cascaræ Sagradæ Liquid B.P.

Elixir Cascaræ Sagradæ B.P.

Extract. Cascaræ Sagradæ Liquid Tasteless



STAFFORD ALLEN & SONS LTD., WHARF ROAD, LONDON, N.1

Telephone: CLerkenwell 1000

Telegrams: "Stafalens, Nordo, London"

TAS/AL.593

C

Tempt your customers g

A GUEST-SIZE TABLET OF SOAP FREE WITH EVERY TIN OF TALC

Women are always tempted by a bargain. You know that. You've seen it happen often. And here is a bargain they're sure to fall for! Field's French perfumed talc and soap.

- * French Pink or French Moss
- * Talc and gift soap — with their perfume imported from Paris!
- * Attractively wrapped to appeal to women
- * Only 3/- (the usual price of the talc)

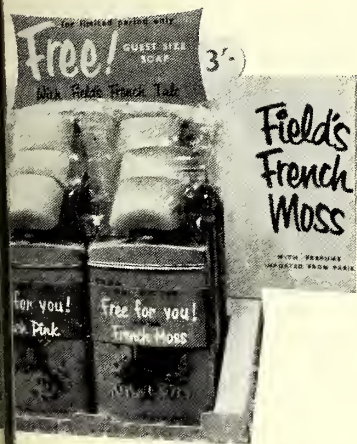


FOR LIMITED TIME ONLY —

With this Field's for!

P YOURSELF TO GREATER SALES -

customers into your shop with this
telling window sticker. Our repre-
sitive will be glad to place it for you.



- 2 Clinch the sale by displaying the twin packs, and recommending them to every customer.
- 3 And — encourage your customers to buy more Field's soap at the same time by displaying your usual stocks prominently.

tin of Field's French Pink and French Moss Talc now being
packed is most attractively packed with a free matching tablet of
size soap. The duration of this offer is limited. It will close shortly.
um Pack: 3 dozen.
en of each Fragrance.)

Hurry—Order Now!

DISPLAY AND SELL

THE **SALTER** "MAYFAIR" PERSONAL WEIGHER

Today, with more and more people becoming interested in dieting and slimming for both health and beauty reasons, it pays to stock, display and sell the "Mayfair" personal machine. Check these advantages and you will see why the "Mayfair" is one of today's best sellers.

- Priced at only 79/6d. including tax.
- Rubber-encased platform gives a non-slip weighing surface, with no dust or water trapping crevices. It also prevents damage to skirting boards.
- Streamlined design for easy cleaning
- Graduated 20 stone x 1 lb.
- Strong, compact and easily portable.
- It is made in the Midlands of England, by Salter—makers of weighing machines for nearly 200 years.
- A full-colour showcard is available free on request for point-of-sale display.



ONLY
79/6

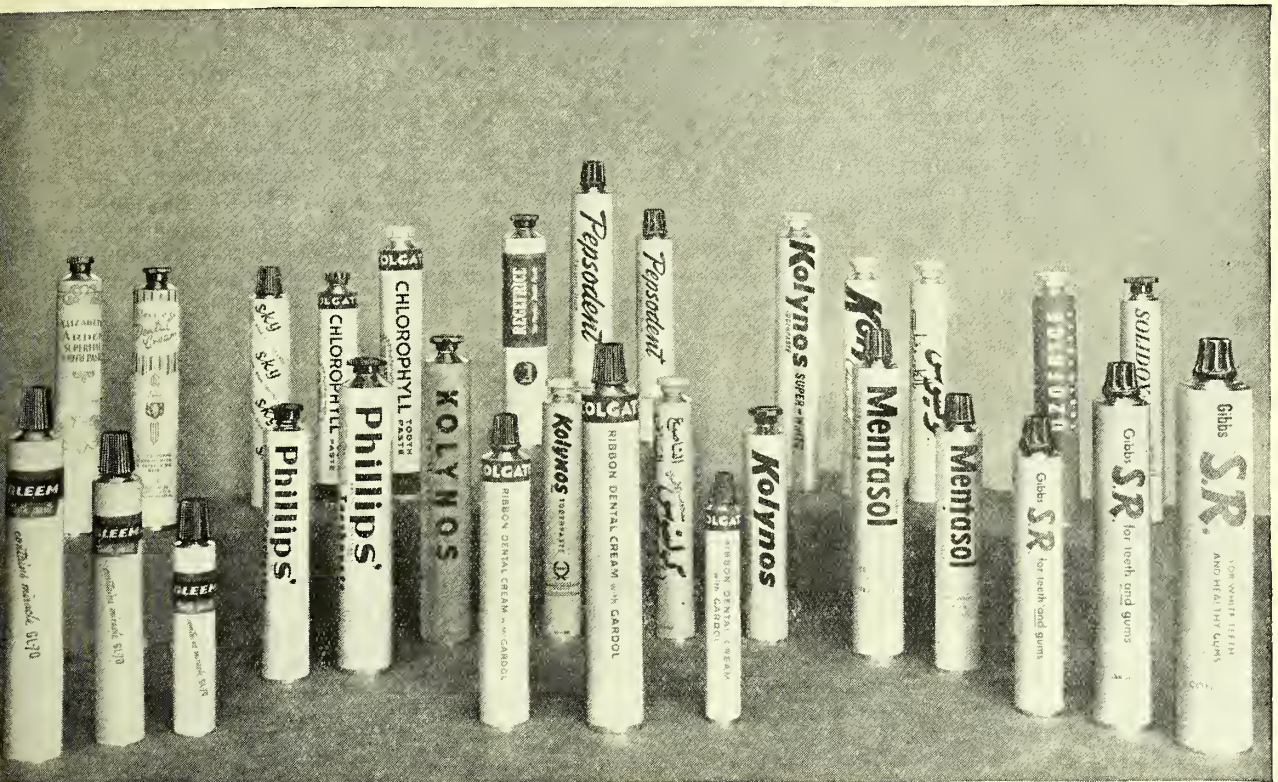
NATIONALLY ADVERTISED IN

*John Bull, Woman
and Beauty, Vanity Fair,
Britannia and Eve,
Everywoman, Good House-
keeping, Ideal Home,
Reader's Digest.*

* For those who prefer the full view dial type machine we recommend the popular Grosvenor and Windsor models.

Geo. Salter & Co. Ltd., West Bromwich.

TOOTHPASTE!



ONE OF THE THOUSAND AND ONE USES
FOR COLLAPSIBLE TUBES

As preferred by Discriminating Buyers



*For Tubes
and Plastics*

UNIVERSAL METAL PRODUCTS LTD.

SALFORD 6 LANCs.

Telephone: PENDLETON 4444

LONDON OFFICE: ARGYLE HOUSE, 29/31, EUSTON ROAD, N.W.1. TEL. TERMINUS 2073

Elastoplast

TRADE MARK

BONUS OFFER!

5% DISPLAY DISCOUNT*

7½% QUANTITY DISCOUNT

FREE COUNTER DISPENSER

ON £15 direct Elastoplast order (trade price value) to include at least £7.10. of First Aid dressings—Fabric, Waterproof, Airstrip.

Your profit—60·29% on outlay

2½% DISPLAY DISCOUNT*

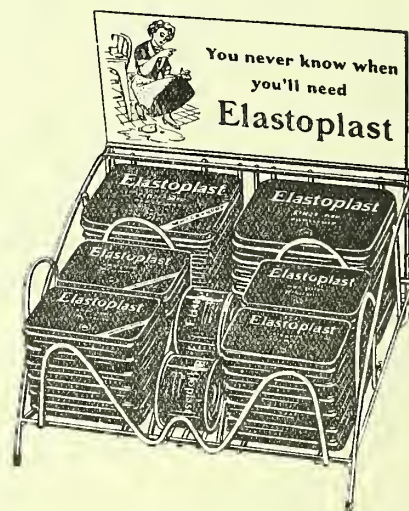
3¾% QUANTITY DISCOUNT

Free Counter Dispenser (small)

ON £7.10. direct Elastoplast order (trade price value) to include at least £4 of First Aid dressings—Fabric, Waterproof, Airstrip.

Your profit—49·16% on outlay

★ *When you display Elastoplast products for 2 weeks.*



Make up your order with other Elastoplast products in constant demand—bandages, plasters, dressing strips etc.—or extra First Aid dressings. Nivea orders, added to your Bonus order, qualify for the normal quantity discount.

National Press and T.V. Advertising concentrating on these Elastoplast lines give you quicker turnover and bigger profits

Full details have already been posted to all chemists ; if you have not received a copy write immediately to:
SMITH & NEPHEW LTD. • WELWYN GARDEN CITY • HERTS.

A black and white photograph of a man wearing a dark bowler hat and a suit, looking down at a large white sign he is holding with both hands. The sign contains text about an electric shaver advertisement.

ELECTRIC SHAVER SENSATION

On May 22nd 12,580,000

DAILY EXPRESS

**readers will see the
launching half-page
advertisement for the**

**New RONSON
Electric Shaver
with Super Trim**

Stock up now!

Consolidated attack...



'Distaquaine' V Sulpha tablets

'DISTAQUAINE' V SULPHA offers a new and reliable form of penicillin/sulphonamide therapy convenient to both practitioner and patient.

This balanced combination of two rapidly and efficiently absorbed sulphonamides with acid-stable 'Distaquaine' V provides, for the first time, the effectiveness of treatment with sulphonamides and penicillin in a single oral preparation.



**THE DISTILLERS COMPANY
(Biochemicals) LIMITED**

Broadway House, The Broadway, Wimbledon, London, S.W.19
Tel: Liberty 6600

Owners of the trade mark 'Distaquaine'

'DISTAQUAINE' V
for reliable penicillin levels

**SULPHADIMIDINE AND
SULPHAMERAZINE**
for enhanced antibacterial effect

Each tablet contains:

PENICILLIN V	60 mg.
SULPHADIMIDINE	0.30 gm.
SULPHAMERAZINE	0.14 gm.


DOSAGE

Adults: Initial dose of two tablets followed by one or, in specially serious cases, two tablets six times a day at not more than four-hourly intervals.

Children: Half the adult dose.

Infants: Quarter the adult dose.

PACKS: Bottles of 30, 200 and 1,000 tablets.



**Happy
customer**

FAREX—the food that shepherded her on to solids, as soon as she weighed about 15 lbs. Farex — her basic food for the past six months. Farex — part of her daily diet for the rest of the formative years to come. Farex — what a satisfying product to handle.

FAREX—the 3-cereal food

TRADE MARK

In 10 oz. cartons

FACE PRICE 1/4 each. TRADE PRICE 12/10 per doz. PARCEL RATE 2 doz. x 10 oz. cartons £1.4.0.

GLAXO LABORATORIES LTD., GREENFORD, MIDDLESEX BYRON 3434



Hay Fever

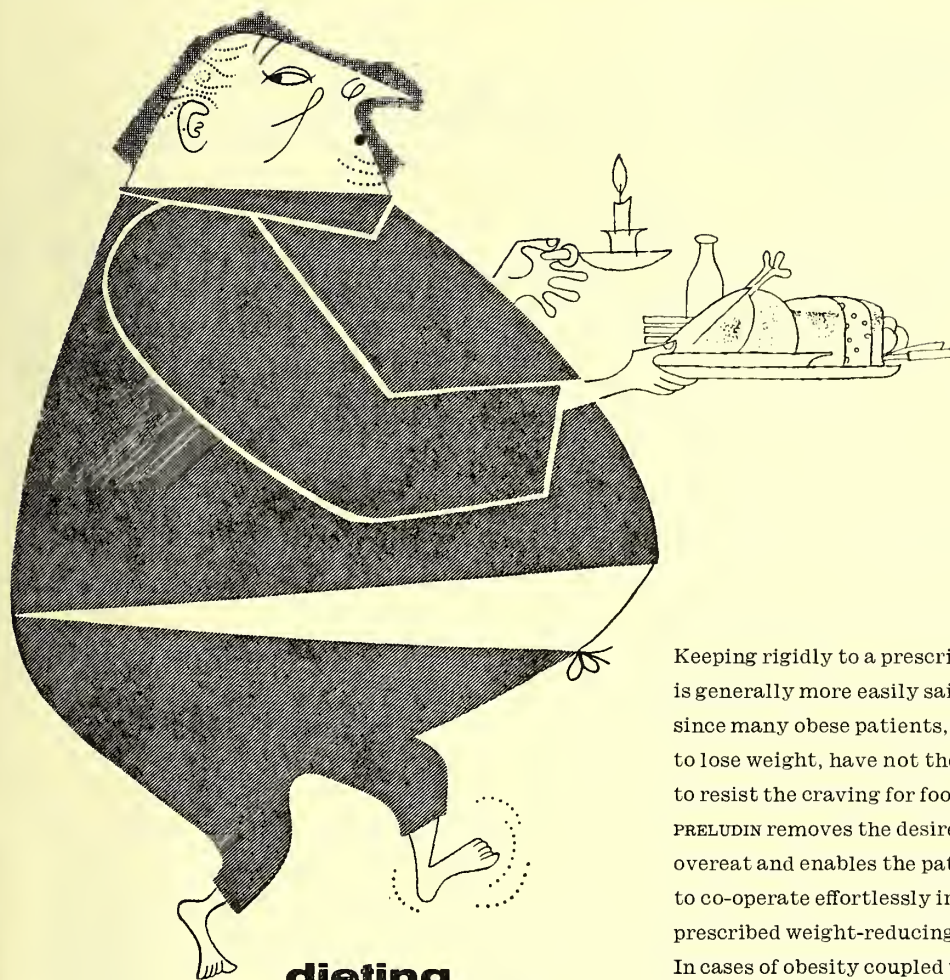
The use of a nasal decongestant for symptomatic relief in hay-fever is well established in clinical practice. For this purpose the preparation which meets all the basic requirements of the ideal nasal decongestant is . . .

Fenox nasal drops

*Isotonic Nasal Drops of Phenylephrine and Naphazoline.
Basic N.H.S. price 1/8 per ½ fl. oz. dropper bottle.*

Available from your usual wholesaler or from Wholesale Division of Boots Pure Drug Co. Ltd., Station Street, Nottingham. Telephone: Nottingham 45501, or 71, Fleet Street, E.C.4. Telephone: Fleet St. 0111.





**dieting
needs
determination**

Keeping rigidly to a prescribed diet is generally more easily said than done since many obese patients, while anxious to lose weight, have not the will to resist the craving for food.

PRELUDIN removes the desire to overeat and enables the patient to co-operate effortlessly in any prescribed weight-reducing plan. In cases of obesity coupled with cardiovascular disorders or hypertension Preludin is always the safe prescription since it affects neither the heart nor the blood pressure.

PRELUDIN is supplied in tablets of 25 mg. each, packed in tubes of 20 or bottles of 250.

PRELUDIN^{*}

2-phenyl-3-methyl-tetrahydro-1,4-oxazine-hydrochloride



Manufactured and distributed in England by Pfizer Ltd., Folkestone, Kent, for

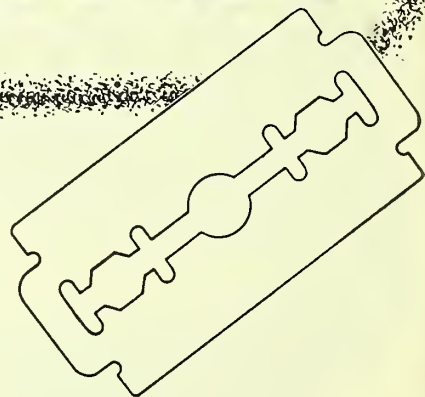
C. H. Boehringer Sohn, Ingelheim am Rhein

Registered proprietors of the Trade Mark. * Regd. Trade Mark.

THE **STAINLESS**

SWORD-EDGE

TRIPLE LIFE
RAZOR BLADE
 IS CUTTING A **BIG**
SALES
FIGURE



The Sword-Edge blade is packed in an attractive dispenser with compartment for used blades, retailing at 2/6 for 5.

FITS ALL STANDARD DOUBLE EDGE RAZORS.

These attractive sales aids are available:—

SE.1 Attractive plastic counter display unit containing two dozen dispensers of 5 blades. Size 7" x 6".

SE.2 Colourful process mounted washable showcard. Size 12" x 8".

SE.3 Smaller edition of showcard. Size 6" x 4".

SE.4 Waterproof self-adhesive strip in colour for use on windows, showcases, mirrors, etc. Size per unit 12" x 2".

SE.5 Window sticker in colour, gummed and printed on both sides, for glass doors, windows, etc. Size 11" x 8".



WILKINSON SWORD LTD., SWORD WORKS, LONDON, W.4

AMPOULES

of
**INJECTION
SOLUTIONS**

Price List on
application

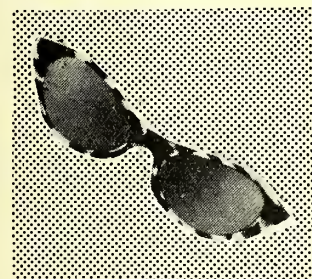
**A FULL RANGE
IN ALL SIZES
MANUFACTURED
BY**

RICHARD DANIEL & SON LTD

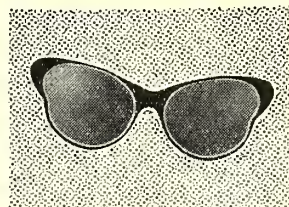
MANSFIELD ROAD, DERBY

TEL: 40671 (8 lines)

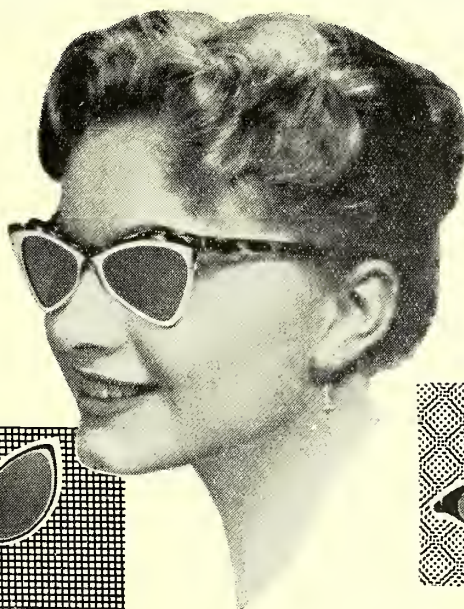
Also at ASHTON-UNDER-LYNE



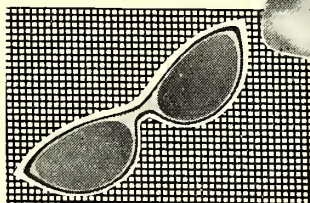
9343/DSC



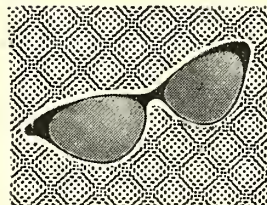
9326/BIC/P



9155



9146/BIC/P



The Power of Fashion

Using the theme 'Fashion in Focus' Samco are pre-selling their unique range of fashion sunglasses by large-scale National Advertising.

Editorials are being arranged to feature Samco in the leading women's magazines as an essential summer accessory.

Ask your wholesaler to show you this unique medium priced range together with the Italian designed space saving counter display unit.

Sole Distributors: D. HARRIS & CO. LTD., 73, BREWER STREET, LONDON, W.1

Telephone: GER. 7166

samco
**FASHION
SUNGLASSES**

unhappiness
embarrassment
insecurity

the cruel companions of acne

Eskamel for acne



ESKAMEL—sulphur and resorcinol in a grease-free, flesh-tinted base—brings rapid improvement in acne, often in a few days. 'Eskamel' is virtually invisible when applied—and masks unsightly acne lesions.

Smith Kline & French Laboratories Ltd., Coldharbour Lane, London SE5

E. Illingworth & Co. (Bradford) Ltd.

Cotton Wools

B.P.C. QUALITY COTTON WOOLS
HOSPITAL QUALITY COTTON WOOL
(Drug Tariff)

Sterilised and Unsterilised in all weights, for
Home and Export.

Quantities labelled with
your own labels.

*COTTON WOOL DISPENSER
(Pleated filling. Attractive Pack)

BOTTLE NECK WOOL, FILTER PADS
WOOL AND COTTON TISSUE B.P.C. Quality
RESPIRATOR REFILLS
KNITTED BANDAGES

Packing Materials

NEEDLELOOM FELTS

for thermal, sound and vibration insulation
and protection.

Cotton Wools

Bleached and Unbleached Rolls from
2 in. to 40 in. wide, weights 3 oz. per
sq. yd. upwards.

**Only as much as is
needed is pulled out
at a time!*

Illmond Cotton Wool Dispenser Pack

Package has tuck-in
ends and can be re-
sealed. Hygiene en-
sured. Elegant design
of pack makes it
perfect for a lady's
dressing table.

E. ILLINGWORTH & CO. (BRADFORD) LTD.

Shelf Mills, Shelf, Halifax

Tel: Bradford 76261-5

Grams: "Illmond" Bradford



THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

The weekly newspaper for pharmacy and
all sections of the drug, pharmaceutical and
fine chemical, cosmetic, and allied industries

*Official organ of the Pharmaceutical Society of Ireland
and the Pharmaceutical Society of Northern Ireland*

Volume 167

May 4, 1957

No. 4028

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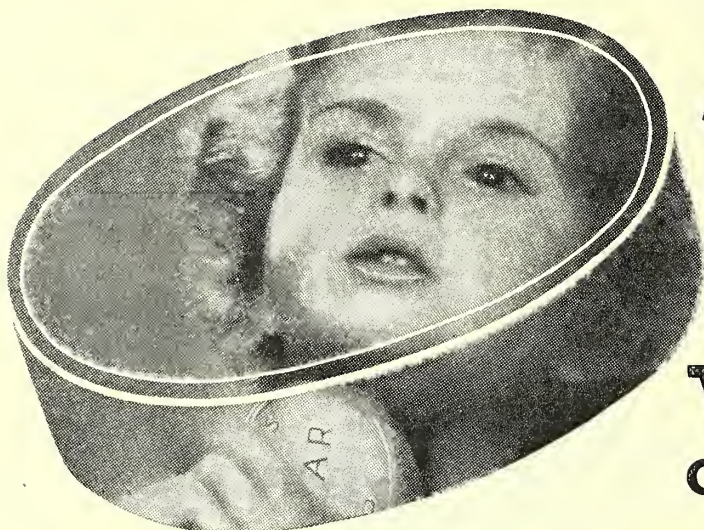
Telephone: Central 6565

Telegrams: Chemicus, Estrand, London

Branch Offices:

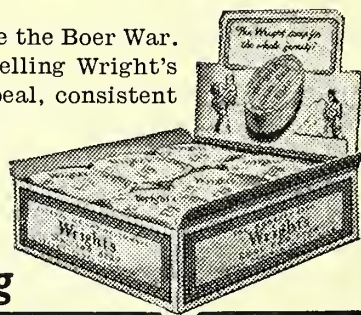
BIRMINGHAM, 2: 111 New Street. Phone: Midland 2921.
GLASGOW: 35 Kingslynn Drive, King's Park, S.4. Phone: Langside 2813.
LEEDS, 16: 32 Wynford Rise, West Park. Phone: Leeds 67 8438.

ANNUAL SUBSCRIPTION,
which includes The Chemist and Druggist Diary and
Year Book, £2, Single copies one shilling each.



A fourth generation of customers coming up for **WRIGHT'S** COAL TAR SOAP

The buying habits of Wright's customers have changed little since the Boer War. The *something* which sold Wright's to Great Granny has kept on selling Wright's through half a century. You might call that *something* sales appeal, consistent advertising and promotion or just the features which go to make Wright's the most *medically recommended* soap in the country. Whatever it is, Wright's soap sells! Make sure your display carton is well placed on your counter—where it can be seen!



The soap that makes a good showing

Dibistin

(0.05g. Antistin* and 0.025g. Pyribenzamine*)

DOUBLE ANTIHISTAMINE THERAPY

ENSURES WIDER RANGE OF CONTROL IN ALLERGIC DISORDERS

Bottles of 20 (4s. od.), 100 (16s. od.) and 500 (65s. od.) tablets

Subject to a discount of 33½% to Retail Pharmacists. Exempt Purchase Tax

Dibistin* Cream

(1% Antistin and 1% Pyribenzamine)

PARTICULARLY VALUABLE IN ALLERGIC SKIN DISORDERS WHERE PRURITUS IS SEVERE

Tubes of 1 oz. (3s. 6d.). Jars of 1 lb. (42s. 0d.). Subject to a discount of 33½% to Retail Pharmacists. Exempt Purchase Tax

C I B A

*Trade Marks

CIBA LABORATORIES LIMITED, HORSHAM, SUSSEX
Telephone: Horsham 4321 Telegrams: Cibalabs, Horsham

WELLCOME INSTITUT
LIBRARY

Coll. WelMOMec

Coll.

No.

The CHEMIST AND DRUGGIST

Volume 167

MAY 4, 1957

No. 4028

Dangerous Drugs SCHEDULE BROUGHT UP TO DATE

REGULATIONS have been made bringing up to date the schedule of drugs, the manufacture, sale, possession and distribution of which is controlled by the Dangerous Drugs Regulations, 1953.

An amendment is made to Regulation 17 of the 1953 Regulations to make it clear that a separate register or part of a register must be used for entries made for each new drug brought under control after the date of the new Regulations. And revised wording has been used in Regulation 17 (1) (b) in order to make it clear that a separate register or part of a register need be kept only for drugs actually obtained or supplied. An amendment makes it clear that the relaxations in the requirements for making entries in the register (Regulation 17, 2 (a) of the 1953 Regulations) by medical practitioners and authorised sellers of poisons are confined to drugs supplied by them. The new schedule is given on p. 496.

A separate register or separate part of a register must be used for entries made with respect to each of the classes of drugs and preparations specified in paragraph 1 of the schedule and for that purpose the drugs in each subparagraph other than No. 44 constitutes a class and each ester, ether or derivative specified in the said paragraph 44 together with its salts and any preparation, admixture, extract or other substance containing it or its salts, constitutes a class. It should be noted that a separate register or part of a register will now be required for: Levorphanol and racemorphan, both of which were formerly known as methorphan; and levomethorphan and racemethorphan, both of which were formerly known as 3-methoxy-N-methyl morphinan.

The Regulations which came into effect on May 1 are the Dangerous Drugs Regulations, 1957 (S.I., 1957, No. 704). Copies are obtainable from H.M. Stationery Office, price three-pence.

Penicillin Lozenges

INQUIRY ON MAXIMUM STRENGTH?

MIDDLESEX Executive Council endorsed at a meeting on April 17 its pharmaceutical service committee's suggestion that the question of the maximum amount of penicillin permissible in penicillin lozenges should be considered by the Ministry of Health. The British Pharmacopoeia stipulates only the minimum penicillin content of penicillin lozenges. The service committee's report

referred to a case in which lozenges had been found to contain twice the minimum quantity of penicillin required. The contractors wrote that what at first seemed to be a large excess of active ingredient was, in fact, a deliberate addition to compensate for storage losses.

N.P.U. Officers

ELECTED AT EXECUTIVE MEETING

THE following officers of the National Pharmaceutical Union were elected for 1956-57 at a meeting of the Executive held in London, April 24 and 25: *Chairman*, Mr. P. D. J. Spaanderman; *Vice-chairman*, Mr. H. G. Moss; *Treasurer*, Mr. S. J. Stearn. THE CHAIRMAN, on election, paid tribute to Mr. Allen Aldington (retiring chairman) for his services during a year of office in which he had contributed greatly of his time and energies to the promotion of the work of the Union and its associated organisations.

Thefts at Photo Fair

DETAILS OF STOLEN CAMERAS

THE following cameras were stolen from the stand of Agfa, Ltd., at the recent Photo Fair held at Olympia,

London: Agfa Automatic 66, CP 0045 U.18725; Agfa Super Isolette (reference no. 1360/330), UO 2458 U.12859; Agfa Isolette II (reference no. 1335/39), PH 2608; Agfa Isolette III (reference no. 1350/335), PR 2847; Agfa Movex 88 cine cameras, O 5888, O 5797, O 5760, O 5822, O 5686, O 5784. Any information regarding those cameras should be sent to Agfa, Ltd., 27 Regent Street, London, S.W.1 (tel: Regent 8581) or to Hammersmith Police.

Safety in the Factory

EXHIBITION AT BIRMINGHAM

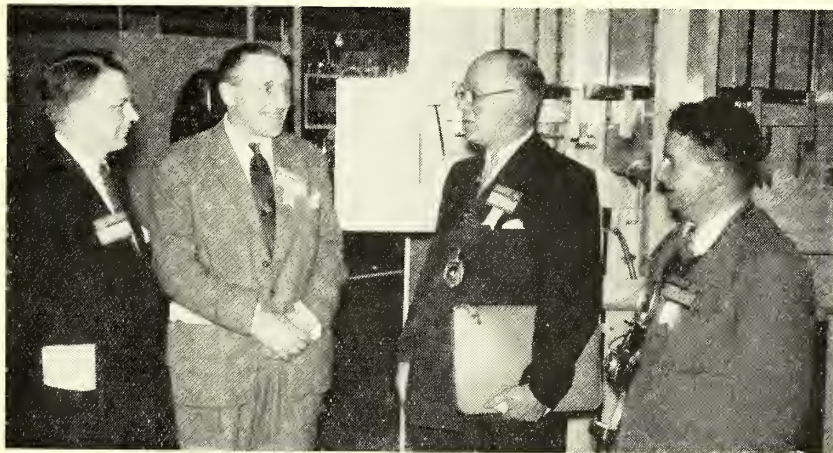
THE 1957 Safety and Factory Efficiency Exhibition organised by the Birmingham Industrial Safety Group is being held at Bingley Hall, Birmingham, June 14-21. Part of the exhibition is being staged by the United Kingdom Atomic Energy Authority to give a comprehensive picture of the Authority's activities. Coincident with the exhibition the group are holding a congress, June 14-16, the subject of which is "Atom 1957."

Examination Results

ENGLAND AND SCOTLAND

THE following candidates satisfied the examiners in the Intermediate examination held by the Pharmaceutical Society in England and Wales in April:—

ALLISON, J. M., Gloucester; ANISFELD, Jacqueline, Finsbury Park; CORNEY, Pamela M., Lewisham; DEWSBURY, A., Barnsley; DOUGLAS, H. D., Northampton; EVANS, D. D., Stratford; HARTLEY, Roberta G., Balham; ISAACS, M. J., Hendon; JUDGE, F. M., Forest Hill; MENDUS, Janet M., St. Davids; PEARCE, E. W.,



INTERNATIONAL PHOTOGRAPHERS: Members of the Wholesale Photo Finishers Association at the International Photographic Exposition, Washington, D.C., U.S.A., recently. Left to right: Pako representative; Messrs. G. P. C. Vallance (treasurer, W.P.F.A.); Alistair Inglis (president); and James Entwistle (national council member).

Chippenham; PROBERT, Janet M., Bristol; SMITH, Shirley M., Wembley; STITTLE, J. C., Mildenhall; WHEELER, C. D., Cardiff.

The following candidates satisfied the examiners in the Intermediate examination held by the Pharmaceutical Society in Scotland in April:—

BINGHAM, Pauline, Rotherham; BROWN, M. R., Edinburgh; BULLMAN, Brenda D., Sunderland; CALDWELL, I. McD. W., Glasgow; COULTHARD, Carole M., South Shields; EDWARDS, D. G., Llangollen; FAIRWEATHER, S., Dundee; FORD, F. B., Holywell; FRATER, C. W., Galashiels; GERSTENBERG, Camilla C., Aberdeen; MACHEN, D. P., Rotherham; MICHIE, J., Buckhaven; NORTH, A. V., Loughborough; POND, R. N., Melton Mowbray; RAWSTHORNE, Averil P., Cheadle; SHARP, B., Consett; SHAW, Amy M., Pentre Maelor.

Automatic Sampler

GIFT TO LONDON HOSPITAL

AN automatic sample-changer Geiger counter of advanced design has been installed in the Department of Bacterial Physiology of the Wright-Fleming Institute of Microbiology, St. Mary's Hospital, Paddington. Built by an American electronics company specialising in radiation-detecting equipment, it is the gift of the Pfizer Corporation. The installation consists essentially of three integrated automatic units: the sample-changer, the Geiger counter and the electronic printer. The equipment shows several novel features. The automatic sampler brings up thirty-five different sample-pans in numbered sequence. These sample-pans of stainless steel contain radioactively "labelled" samples. In the current research project on which the automatic sampler is being used by Dr. Rowley, head of the Bacterial Physiology Department, the "tagging" radio-isotope used is P32 (radioactive phosphorus), an element involved in the metabolic processes under study. Dr. Rowley and his associates are at present investigating the phenomena that are concerned in non-specific immunity.

Technical Libraries

IMPROVEMENT NEEDED AT COLLEGES

THE early appointment of qualified librarians to the larger technical colleges is recommended by the Minister of Education, Lord Hailsham, as part of the Government's drive to expand technical education. "Too many technical colleges are still poorly equipped with libraries, and too few are in charge of qualified librarians," said the Minister in a circular to local education authorities on April 15. From £500 up to £2,000, according to the size of college, it was recommended should be set aside as an annual allowance for the purchase of books and periodicals. A minimum of 3,000 volumes should be the stock target. The maintenance of an adequate library service was essential if students were to be trained to seek up-to-date information, to become independent workers rather than passive recipients of lecture notes, and to keep pace with scientific developments after they had passed their examinations and gone into the world at large.

Photo-journalism Group

NEW ORGANISATION FORMED

THE formation of a Photo-Journalism Group within the Royal Photographic Society was agreed by about fifty members of the R.P.S. at a meeting in London on April 16. The decision is being submitted to the Royal Photographic Society for recognition. A committee of four was elected and the convenor of the meeting, Mr. Reece Winstone, was elected *Chairman* of the Group. Mr. T. A. Wilkie, Guildford, was elected *Secretary*. The Group intends holding six monthly meetings a year from April to October, and in addition an autumn exhibition which may be open to non-members.

IRISH NEWS

THE REPUBLIC

International Congress

HEAVY BOOKINGS FROM GERMANY

BOOKINGS from Germany are particularly heavy for the coming International Pharmaceutical Students' Congress to be held at Mosney, co. Meath, Ireland, from September 3 to 13. Large representative parties of delegates are also expected from Great Britain, Northern Ireland and the rest of the Continent. The Congress programme now completed by Mr. Bernard Tedders (chairman) and members of the local committee is as follows:—September 3, arrival and registration of delegates at Mosney Holiday Camp. September 5, reception by the Lord Mayor of Dublin at the Mansion House, followed by tour of Dublin City. Evening, dinner and dance at Mosney. September 7, tour by bus from Mosney to the Mountains of Mourne. September 9, official opening. September 10, all-day bus tour of Wicklow and Glendalough. September 11, industrial tour of Dublin with visit to the Abbey Theatre in the evening. September 12, farewell ball at the Gresham hotel. The Congress can be attended by students, recently qualified pharmacists and assistants. Applications accompanied by a deposit of £2 should be addressed to Butlin's Holiday Camp, Mosney, co. Meath, Ireland, and the envelope marked on the top "International Pharmaceutical Students' Congress." The total all-in cost is £13 10s.

THE NORTH

Chemists and Druggists

SOCIETY'S ANNUAL MEETING

FOR the thirty-eighth successive year, Mr. F. Storey, C.B.E., was elected *President* of the Chemists' and Druggists' Society of Ireland, at the annual meeting held in Belfast on April 17. The annual report was submitted by Mr. H. McQuitty (secretary) and the financial statement by Mr. D. McBride (treasurer). Moving their adoption, Mr. STOREY said that it was with great regret that they had to report the deaths of three members, Mr. J. Irwin, Dunmurry, Mr. W. Doig, Whitehouse, and Mr. A. Taggart, Ballymena. Mr. Irwin's death was a severe loss to the Society. He was a member of the executive committee for a long time, one of the audi-

tors and was the Society's representative on the Council of the Pharmaceutical Society of Northern Ireland. Mr. Doig had been a member of the executive committee and a lifelong member, as had been his father, and also was a member of the Council of the Pharmaceutical Society of Ireland for many years. Mr. Taggart was a lifelong member of the Society. Mr. Storey referred to the illness of Mr. F. Boyle, and wished him a speedy recovery. Mr. R. M. Watson had been appointed druggist representative to the Pharmaceutical Society of Northern Ireland in place of the late Mr. J. Irwin. Mr. Storey spoke of the work of the Benevolent Fund committee. The new Pharmacy and Poisons Act had been passed and also the Revaluation Act. High valuations had come as a shock, especially for business premises. Concluding he said that the increased charges for freight and passenger services would adversely affect trade and commerce in the country and add to the cost of living, but it appeared that nothing could be done about it and he hoped that there would be no further increases. The outlook for prosperity in the country was somewhat blurred by the *Sue impasse* and strikes. On the re-election of Mr. Storey as president, Mr. R. McCann (who seconded the nomination) said that members were pleased to see that Mr. Storey had been appointed chairman of the Post Office Advisory Council (N.I.). Other officers elected were:—*Vice-presidents*, Messrs F. J. Boyle, F. T. Smith and T. McDowell; *Treasurer*, Mr. D. McBride; *Secretary*, Mr. H. McQuitty.

IRISH BREVITIES

THE NORTH

MR. W. DICK, Mayfair Pharmacy 5 Arthur Square, Belfast, won second prize in the Belfast section of "Frenz Fortnight" window display competition.

A RECORD collection in aid of charities was made on students' rag day in Belfast on April 25 mainly because of the work of Mr. R. D. Abernethy M.P.S.N.I., who acted as amusement organiser.

THE REPUBLIC

THE silver medal in the section of figure studies, genre and action in the recent exhibition held by the Photographic Society of Ireland was won by Mr. Peter Slattery, M.P.S.I., Dublin.

THE Committee of the Irish Druggists' Association has fixed Monday, June 1, as the date of its annual meeting at which the agenda will be circulated to members in due course.

A TALK on "A Cautionary Guide to Dublin—photographic notes on the Abuse of our City," was given recently at the College of Pharmacy, Dublin by Mr. Luan P. Cuffe, to the Chemists' Debating Society.

MR. J. MITCHELL, 19 Oakley Road, Ranelagh, Dublin, has been appointed secretary of the Irish Pharmaceutical Students' Association, in succession to Mr. Tadhg Mac Giolla Riogh. Irish poplin ties and scarves in the College colours can be had from the secretaries of the Association.

NEWS IN BRIEF

THE Qatar Dangerous Drugs Regulations, 1957, applying to the State of Qatar, Persian Gulf, have been published by H.M. Stationery Office, price 1s. 6d. per copy.

THIEVES broke the windows of the pharmacy of Mottershead & Co., 7 Exchange Street, Manchester, and stole safety razors and other goods on April 11.

CAMERAS valued at about £25 were stolen on April 26 from the pharmacy of J. H. Evans, 53 Surbiton Road, Kingston-on-Thames, Surrey, by a thief who threw a brick through a plate-glass window.

THE award of the American Society of Cosmetic Chemists to encourage publication of outstanding scientific literature in the field of cosmetic technology has been won jointly by Drs. J. P. Martin and A. T. James for their work on gas chromatography combined with liquid-liquid extraction. It is the first time that the award (£1,000) has gone outside the United States.

To celebrate its silver jubilee which occurs in 1957, the Catholic Pharmaceutical Guild has inaugurated a fund to provide chalices for the foreign missions; donations and inquiries should be sent to Mr. John Loughlin, 1191 Lumbarton Road, Glasgow, W.4. The Guild, which has branches at London, Birmingham, Leeds, Manchester, Newcastle-on-Tyne, St. Helens, Edinburgh, and Glasgow, is open to all engaged in any sphere of pharmacy.

THE following chemicals have been exempted from Key Industry Duty for the period April 29-August 18 under an Order published as S.I. 1957, No. 108: Cerium oxide, pure; 4-aminophenol, the aminophenol content of which exceeds 97 per cent. by weight; maleic acid; beryllium oxide; creatine; 4'-diaminodiphenylmethane of a purity not less than 97 per cent.; diethyl 2:2:2-trichloro-1-hydroxyethylphosphonate; diphenyl; 2-ethyl-4-ethylpentanol; isatin; and *trans*-stilbene.

SPORT

GOLF.—ULSTER CHEMISTS' GOLFING ASSOCIATION, at Cliftonville golf club on April 17. *Pharmacists' cup competition*: Wholesalers (captained by D. Moncreiff) defeated retailers (captained by J. Watson) by one hole up. The following were elected *Captains* for 1958: Retailers, Foye; wholesalers, J. Fullerton.

LOCAL OFFICERS
PHARMACEUTICAL SOCIETY

HULL.—*Chairman*, Mr. F. W. Abba; *Vice-Chairman*, Mr. J. J. Small and Mr. J. E. Hindle; *Treasurer*, Mr. C. A. Hewitt; *Secretaries*, Mr. J. Small, 3 Allderidge Avenue, Hull, and Mr. Macdonald.

HARROW.—*Chairman*, Mr. G. W. Horsley; *Vice-Chairman*, Mr. H. Treves-Brown; *Treasurer*, Mr. Roberts; *Joint Secretaries*, Miss V. W. Burton, 40 Bessborough Road, Harrow, and Mr. Cade, 23 Ennerdale Avenue, Stanmore; *Social Secretary*, Miss H. I. Trapp.

WEST MIDDLESEX CHEMISTS' ASSOCIATION and LICH.—*Chairman*, Mr. J. W. Kitchener; *Vice-Chairman*, Mr. C. J. Stockwell; *Treasurer*, Mr. Simons; *Assistant Secretary*, Mr. R. W. Wiltshire; *Secretary*, Mr. R. C. Edwards, 265A Fulham Road, Chelsea, London, S.W.3.

TOPICAL REFLECTIONS

By Xrayser

Guiding the Young

Careers talks and exhibitions are becoming increasingly popular as a means of helping scholars to make up their minds as to their vocation in life. You report (p. 452) a three-day careers exhibition at Epsom, opened by Lord McCorquodale, chairman of the British Productivity Council. It seems, from the report mentioned, that the stands were sponsored by large manufacturing and retail interests, and that retail pharmacy was represented by a well-known multiple firm. Obviously the purpose of the retail firm was to attract recruits to its own organisation, for no one would expect it to go to the expense of a special stand merely to interest the scholars in retail pharmacy in general. But why was it left to a firm to present pharmacy? The Pharmaceutical Society—surely the authentic source of information—participated in such an exhibition in Brockenhurst last June. At the time I wrote (*C. & D.*, June 23, 1956, p. 537): "It is of the first importance that the public should learn of pharmacy as a career through the offices of the Pharmaceutical Society, and it would be a good thing if the Society made itself wholly responsible for the propagation of all matter relating to pharmacy as a career. It is not in the interest of the Society or of the public that the information should be of a sectional character." Are the Society's public relations inadequate?

Council Election

The election addresses, with notes of their careers, of those offering themselves for the vacancies in the Pharmaceutical Society's Council, will assist members in their choice of candidate. An election address is not an easy thing to write, and it may be, as one candidate suggests, that only by having a full report of the Council's public business would it be possible to use a vote with intelligence, though it might be thought that there is a negative side to the suggestion. One could reasonably and intelligently decide on such evidence which of the retiring members should go back, and which should find another sphere for their activities, but the new candidate would not gain except by the default of others. Nevertheless, the reports of the Council proceedings are at present no guide to the electors. Consequently, it behoves those with an election paper before them to study the material provided (p. 454 *et seq.*). "Business transactions demand mature consideration" was a copy book aphorism of the Victorian age, and it applies to those who undertake to act for their fellows. We do not know enough of our representatives' work, which tends to be unwept, unhonoured and unsung.

Roman Hospitals

In his *History of Medicine*, Dr. Douglas Guthrie records that there exists near Dusseldorf a perfect example of a Roman military hospital, dating from about A.D. 100, and remarks on the fact that it is constructed on the corridor system in accordance with modern ideas. Hitherto it has been thought that no example existed in this country, but reports from Perthshire, where excavation is going on at Inchtuthil, reveal that a legionary hospital existed there on the banks of the Tay. Speaking to the Society of Antiquaries in Edinburgh, Professor Richmond described the layout of the hospital, which measured 200 ft. by 300 ft., planned about an oblong open court, and consisted of sixty small wards. Each ward accommodated not more than three beds, and the number of wards corresponded to the sixty centuriae into which a legion was divided. They are arranged in pairs flanking side passages, opening off a central circulation corridor. Professor Richmond remarked on the fact that the Romans realised the value of greater quietness and privacy, and that it has taken a long time to get back to the principle. Work has been going on for five years on the site, which is near Caputh, and situated in the grounds of Delvine House. The Roman stay in Britain was very long—about 400 years—and we may learn a good deal more when further excavations have taken place.

PROPRIETARY ARTICLES TRADE ASSOCIATION

President hints at an increase in subscriptions

MOVING the adoption of the annual report at the annual meeting of the Proprietary Articles Trade Association, held in London on April 11, THE PRESIDENT (Mr. L. D. Smith) emphasised that 1956 was a difficult and anxious year because of the introduction of the Restrictive Trade Practices Bill. However, matters had worked out better than could have been expected. Membership had maintained a satisfactory level and the members of the three sections had remained loyal and had given full support to the Association. It was gratifying that in the manufacturers' section membership showed an upward trend. There had been, and would again arise, circumstances in which the reaching of decisions and the taking of concerted action—with resulting benefits to all members—had derived from the Association's first object, "the discussion of matters of common interest to those engaged in the proprietary articles trade." Similarly, opportunities occurred for the P.A.T.A. to do various things which were lawful and "in the common interest of its members." Thus, the scope of the P.A.T.A. was not restricted to the important function of assisting manufacturer-members in the enforcement of their price-protection rights.

After referring to the revised constitution and rules, the president said that the result, he thought, had fully justified the council's decision. Having mentioned the usefulness of the *Year Book* and *Quarterly Record*, the president said that, when the year started, the prospect of celebrating suitably the sixtieth anniversary of the foundation of the P.A.T.A. was not bright. However, an appropriate and successful celebration was held in November 1956. The presentation by the board of Allen & Hanburys, Ltd., and its managing director (Mr. C. W. Maplethorpe), of the presidential badge of office, which he was now wearing, was greatly appreciated by the council and it was particularly fitting that the first president to be invested with the Badge was his (Mr. Smith's) predecessor, Mr. Norman Dewey.

Increasing Expenses

Expressing regret at the unavoidable absence of Mr. R. G. Dyas (treasurer), the president said that the accounts showed that at the end of the year expenditure had exceeded income by a fairly substantial figure. That was unavoidable and due to causes outside the council's control. Expenses had increased and were increasing and although a report on the matter was not then being submitted the executive committee was examining the whole position and possibly would report its proposals to the Council in July. While not wishing to anticipate that report, the president thought that it would be only right to say that those proposals might have to include a recommendation for increased subscriptions.

Concluding, the president thanked Mr. H. E. Chapman (secretary) for all the work he had done for the Associa-

tion during the year. Members would appreciate the difficulties with which the Association had been faced, but it might be that, with the exception of those who had the opportunity of seeing the volume of work that had been undertaken, members as a body did not realise the weight that had fallen on the secretary's shoulders. He also thanked, on the members' behalf, Mr. Payn, Miss Hobbs, Mr. Stead and all other members of the staff at the P.A.T.A. office for their services during the past year. The motion for adoption of the report was seconded and supported.

In the discussion which followed, MR. P. G. FLOOD (Ferris Chemists (London), Ltd.) said that retail chemists were vitally concerned with price cutting, and he was delighted to see the steps that had been taken recently (see *C. & D.*, March 30, p. 339). He understood that an injunction had been obtained for certain articles on the P.A.T.A. list, and asked if that could be extended to cover all the articles on the list. MR. PRICE HOLMES (secretary, Beecham Group, Ltd.) replied that the Act did not permit the Group to get an injunction in respect of any goods except those manufactured or distributed by the Group. The three actions were taken against J. Mindel, Ltd., for the price cutting of Brylcreem, Luczade and Maclean's tooth-paste, and having done so the components of the Group were able to get an injunction which covered all the other products of the companies which made those three specific products. That was expressly permitted by the Act. He understood that the wider procedure referred to by Mr. Flood was under consideration. MR. C. J. GREENLAND (Jeyes-Ibco Sales, Ltd.) said he also wished to congratulate the Beecham Group on the action they had taken. Members had watched it with interest, and were gratified at the outcome. He thought that in taking the action the Beecham Group had the appreciation of all the manufacturer-members; and considered the outcome to be the "red light" to the price cutter.

The annual report and financial statement were unanimously adopted and votes of thanks to the president, the secretary and staff were accorded.

Quarterly Meeting of Council

The quarterly meeting of the council of the P.A.T.A. was held on April 11, the president (Mr. L. D. Smith) in the chair. After the president had referred to the death of Mr. Ronald Gower who, for thirty years, until his retirement in 1951, had represented Butler & Crispe, Ltd., on the wholesale section, the council stood in silence for a minute. Mr. Smith then welcomed new members, Messrs. E. Draper and K. L. Haigh (County Laboratories, Ltd., and Barclay & Sons, Ltd., respectively). THE SECRETARY reported that the P.A.T.A. *Year Book*, 1957, had been distributed and that it was proposed to keep it up to date by having reprinted and included in it the supplements which appear in the *Quarterly Record*. The council received and approved a report on action taken by the Association in assisting manufacturer-members in matters connected with the notification and enforcement of their resale price conditions. At the request of individual members, certain price cutters had been approached in accordance with the procedure recommended by the council's legal advisers, with whom close contact was being maintained. THE PRESIDENT referred to the first action in the High Court directly affecting members of the Association (see *C. & D.*, March 30, p. 343). It was thought that that case provided a useful example to other manufacturers of the steps which they were empowered to take. The council gave formal approval to the annual report and financial statement to be submitted for adoption at the annual meeting (see above). It was agreed that the next council meeting should be held on July 11. At a luncheon preceding the meeting Lord Mancroft (Parliamentary Secretary, Ministry of Defence) and Mr. E. M. Price Holmes (secretary, Beecham Group, Ltd.) were the guests of the council.

PHARMACY IN OLD PORTSMOUTH

Posset, plague and bear's grease

SOME further sidelights into pharmacy in old Portsmouth were given to members of Portsmouth Branch of the Pharmaceutical Society on April 9 by Mr. L. J. Chamberlain (a member of the Pharmaceutical Society's History of Pharmacy Committee and a past-chairman, Portsmouth Branch of the Society). MR. CHAMBERLAIN described how, in the late seventeenth century, Portsmouth fell victim to the plague, which was treated by a "posset." That constituted a draught of about 2 pints, comprising one part milk curdled with two parts ale and one part vinegar, boiled together with various herbs and roots. Posset was administered from a posset pot, a fine example of which in polychrome Lambeth delft dating from

1720 was exhibited to the audience by Mr. Chamberlain.

Bear's grease was fashionable as hair dressing in the early 1800's, and Mr. Chamberlain produced several fine examples of coloured bear's grease pot lids, and was also able to quote several advertisements for the product which had appeared in local papers. About 1840 many patent medicine were also advertised locally, including Price's Golden Oil of Macassar, Frank's specific solution of copaiba, Cheddon's famed herbal tonic pills, Scott's bilious and liver pills—"the genuine ones in a square green package," Jacob's pulmonary wafers and Morrison's pills. The advertisement for the latter specific that "no chemist or druggist is authorised to sell this medicine." Mr. Chan-

berlain remarked that it was interesting to learn that from 1830 to 1840 Morrison's pills yielded no less than £60,000 in medicine stamp duty. The advertisement for those pills quoted: "If all your hair should tumble off, you needn't care a fig. Just take the pills—it will grow again—you'll never need a wig." Mr. Chamberlain quoted several local nostrums of the period 1870-80, mentioning Rastrick's never-failing hair restorer, Spear's syrup of camphor and quinine, Stockman's cholera and diarrhoea mixture, Trollope's sedative teething powders, Hackman's compound quinine pills.

In 1849, a local paper carried an advertisement for the Plantagenet guard razor, which claimed that "the most shaking hand need not fear to hold it whether shaking from age, infirmity or potations overnight." Was that the forerunner of the safety razor? asked Mr. Chamberlain. There were also records to show that in 1862 water was sold in the streets of Portsmouth at halfpenny a bucketful.

Turning to the second half of the nineteenth century, Mr. Chamberlain produced a map which he had prepared, showing the disposition of pharmacies in Portsmouth at that time. In 1881 the population was about 128,000 increasing to about 155,000 by 1891. It was interesting to note that since about 1900 the population had increased by about 43 per cent, but the number of pharmacies had increased by only 18 per cent.

In 1901 a professional journal carried an article on opening a pharmacy, wherein it was stated that £400 was needed to do the job properly, which sum included about £150 for the shop fitting. 291 shop rounds were advocated for use in the shop itself, and a further 156 for the dispensary.

In 1909 the Portsmouth Pharmacists'

Association was founded—some fourteen years before the foundation of the local Branch of the Society. From its inception the Association took a keen interest in the education of apprentices, and in all pharmaceutical matters, so much so that, in July 1911, a deputation from the Association waited upon Lord Charles Beresford, the senior M.P. for Portsmouth, with regard to Section 14 of the then new National Health Insurance Act. That section dealt with the dispensing of medicines under the Act, and the deputation wanted assurances that the people vaguely referred to were in fact chemists. That proved to be so in the end.

In 1908 a pharmacist, the late Mr. F. G. Foster, was elected mayor of Portsmouth, and in the same year opened the Municipal College, later to be the home of pharmaceutical training. In 1911 Mr. Foster was elected an Alderman of Portsmouth, and in that year also, Portsmouth was visited by the British Pharmaceutical Conference. The cost of a book of tickets was £1 1s. and the total cost of the Conference was £297.

A meeting of the members of the Pharmaceutical Society in Portsmouth was held on November 29, 1922, when twenty-four members attended to hear an address by Mr. F. E. Bilson (treasurer to the Pharmaceutical Society) on the new local organisation. Animated discussion followed, resulting in a resolution being passed that the members undertook to form a Branch on the lines laid down by the Pharmaceutical Society. The first annual meeting of the Portsmouth Branch took place in April 1924, when the first officers and committee were elected. Nearly a year later, in February 1925, the Branch met to hear a talk by Mr. Keall (a member of Council) on the new Dangerous Drugs Act.

At the second annual meeting, held in 1925, members were acquainted with details of the part-time classes for apprentices, which had been arranged at the local College. The Committee later considered the matter of those classes, and agreed to recommend to the Branch that employers should allow apprentices six hours a week in which to attend. Outlining the history of pharmaceutical education in Portsmouth, Mr. Chamberlain said that classes in physics, mathematics, chemistry and zoology were started at the Technical Institute in Arundel Street, Portsmouth, in 1902-03, with a second year's combined course for pharmaceutical and medical students, who had already embarked upon their professions. In 1906 the vice-principal conceived the idea of a pharmacy department, and the first pharmacist (Miss E. Hooper, B.Sc., Ph.C.) was appointed to the staff. The present building—then known as the Municipal College—was opened in 1908 and records showed that materia medica, pharmacy and dispensing were taught on Wednesday afternoons by a local pharmacist. In 1919 the College was recognised by the Society for the training of ex-service men for the Society's examinations. In 1921 the local Association offered two book prizes, one being won by Mr. N. Francis, who was later the first student to register at the College for the Ph.C. course. In 1927-28 the pharmacy department at the Portsmouth Municipal College was formed, and recognised by the Society and London University.

The chairman's badge of office at present in use was presented to the Branch by Graham Tatford & Co., Ltd., in October 1950. The then president of the Society (Mr. A. A. Meldrum) invested the chairman for that year, Mr. N. Francis, with the chain of office.

COUNCIL CANDIDATES REPLY TO QUESTIONS

Education the main topic for discussion

A MEETING at which candidates for the Pharmaceutical Society's Council stated their views and answered questions was held in London on April 17. The meeting was held under the auspices of the London County Pharmaceutical Association.

The candidates (seven out of the twelve contesting the election) were:—Messrs. A. Aldington, J. C. Bloomfield, M. Dowty, Stanley Durham, H. S. Grainger, K. Holland and J. F. McNeal. Among the questions and answers were the following:—

What are the opinions of the candidates on the Society's education policy viewed against the background of the National Health Service drug-testing scheme?

HOLLAND: The Council should get rid of the drug-testing scheme.

DURHAM: The Ministry of Health seems to think that the analyst is better qualified than the pharmacist. The Pharmaceutical Society should, therefore, aim at higher qualification ranking with that of the analyst!

MCNEAL: The testing scheme is an insult to pharmacy. Only complaints should be investigated.

Mr. Durham is interested in having retail pharmacists as members of the British Pharmaceutical Conference Executive, would that be a good thing for pharmacy and the Conference?

DURHAM: The Conference is the shop-window of pharmacy. The general practitioners of pharmacy could make a more practical contribution to the Conference itself. Many Sheffield pharmacists are helping with formulas for the British Pharmaceutical Codex and are working out what happens to standard drugs from the time they leave the manufacturer until the time they reach the patient.

Should there be a scheme to compel degree students to take the subjects which would enable them to become members of the Pharmaceutical Society?

GRAINGER: It is not true that all degree students go into industry. In Wales all students take the degree course and many go into retail. The amount of pressure that the Society can bring to bear on degree students to become members is limited by the provisions of the Pharmacy and Poisons Act, 1933. It is not necessary to be a registered

pharmacist to be engaged in manufacturing. The Society is reducing the fee for examination of degree students in forensic pharmacy.

The retail outlet is the view the public takes of pharmacy, a good number of outlets are a disgrace to the profession, how can that lamentable state of affairs be remedied?

MCNEAL: By reserving sale of medicines to pharmacists who would then not have to concern themselves with other sidelines.

GRAINGER: There are too many retail pharmacies with not enough pharmaceutical work to maintain them at a high professional level. Limitation must come in the end.

HOLLAND: The best solution is for local branch members to try to teach the bad housekeeper among them how to be clean. In the last resort the dirty and badly kept pharmacies should be closed down.

ALDINGTON: What would one of the retailers here tonight do if some of his colleagues came and told him how to run his pharmacy? The Society's inspectors are often the only contact be-

tween the member and the Society. That is bad but I feel that the problem of bad housekeeping can only be solved by someone in authority from the Pharmaceutical Society.

DURHAM: Not much can be done by compulsion.

MCNEAL: If the control of medicines was diverted to pharmacy there would be insufficient pharmacies rather than too many. Give pharmacists the work to do and then come to see that they do it properly.

The scale of wages in pharmacy that goes out to the schools is not good enough, why did all the pharmaceutical bodies let the profession down over the National Health Service negotiations?

MCNEAL: As vice-chairman of the Joint Committee at the inception of the National Health Service I would say that the basis of payment in 1948 was fair but there have been arbitrary cuts since then.

There is no college in the Greater London area that provides a course for the Pharmaceutical Chemist Qualifying examination. The nearest place providing such a course is at Leicester, what is the Society doing about that?

GRAINGER: The colleges of advanced technology will be taking degree students only. It has been said that all degree students go into hospital and industry but that will be nonsense if all students are degree students for industry could not absorb them. The degree should be the qualification for retail. Bit by bit the Society's diploma will give way to the degree. The pharmacist requires the university degree of training.

BLOOMFIELD: One of the objects of the Society is the education of students. Under Mr. Grainger's thesis that would be given up.

GRAINGER: The Society gave it up many years ago.

BLOOMFIELD: No, it did not.

ALDINGTON: Mr. Grainger's policy is wrong for the next forty years. It might be all right after that. Chelsea Polytechnic has been issuing a document to students which states that some students who take the degree or the Society's diploma are compelled to accept retail pharmacy as their life for the future and that is most distasteful to them. I leave that comment with you.

DOWTY: Because the first item on the Society's charter is the education of students the Society should keep a firm grip on it.

MCNEAL: I am in favour of higher qualification but fail to see how people with higher qualifications would be attracted to retail pharmacy even in forty years' time. The position of the retail pharmacist must be raised.

HOLLAND: Retail pharmacists are not cheap to get. On the whole pharmacy is a well-paid profession but more places must be provided for training retail pharmacists.

DURHAM: Pharmacists should be trained to meet any future demands that the profession may put upon them.

GRAINGER: If we think that forty years is too far ahead for planning then we are being very unfaithful to our children and the profession that we have followed in our lifetime.

During Mr. Grainger's term on the

Council a Branch Representatives' motion on limitation of pharmacy was defeated, yet Mr. Grainger still holds that view. There was also a Welsh motion complaining about the lack of facilities for the diploma course and Mr. Grainger holds Welsh facilities up as a good example. Is it surprising that few motions are put forward from the branches?

GRAINGER: I was elected to the

Council to represent my own views and not those of branch delegates. I want to represent a profession that stands four-square with any other profession.

DOWTY: The bulk of members of the Council consider that they represent the membership and try to voice the opinions of the branches.

ALDINGTON: A member of an executive of any pharmaceutical body has a duty to his members.

PURCHASE-TAX-FREE DRUGS

Order exempts more items and reclassifies others

THE Purchase Tax (No. 1) Order, 1957 (published as Statutory Instruments, 1957, No. 678) extends the list of essential drugs and medicines exempt from purchase tax under the Purchase Tax (No. 3) Order, 1956 (S.I. 1956, No. 873) which is revoked. All drugs and medicines previously exempt under the revoked Order remain exempt under the new Order. The Order applies to goods which were despatched by

wholesalers and registered traders to unregistered traders on or after April 29, and to imported goods entered with the Customs or delivered from bonded warehouse for home consumption on or after that date. Entries appearing for the first time including amendments and extensions to existing entries are given in the accompanying table. Old entries, now extended, are given in italics:—

Additions and Extensions	Exempted by virtue of entry	Maker
HEAD I		
2-Bromo-2-chloro-1:1:1-trifluoroethane	Fluothane (On clinical trial)	ICI(P)
†Chlorhexidine and salts thereof, and solutions and creams which contain not less than 1 per cent. of any one of those substances as sole active ingredient and are prepared for veterinary use or for use in obstetrics	Hibitane preps, I.C.I. udder wash	ICI(P) ICI(P)
HEAD II		
Cetyldimethylethylammonium ethyl sulphate combined with tyrothricin	Collozets	Crookes Labs
†Cetylpyridinium chloride combined with either or both of the following substances, that is to say, sodium propionate and benzocaine	On clinical trial†	Wigglesworth
*Chlorambucil		
*Chlorotrianisene		
Dimethylethyl (3-hydroxyphenyl) ammonium salts		
*Edetic acid, and salts thereof	Tensilon	Roche
*Ethinamate		
N-Ethyl-3-piperidyl benzilate methobromide ...	Piptal	Benger's
*Mercaptopurine		
N-Methyl-N-(beta-picoyl)-tropamide, and salts thereof	pimetramide hydrobromide	
*Mustine, and salts thereof		
Oxeladin, and salts thereof, whether or not mixed with menthol	Pectamol Tussimol pasts.	B.D.H. B.D.H.
†Thyroxine; L-thyroxine sodium		
Tolbutamide	Rastinon	Horlicks
L-Triiodothyronine, and salts thereof	Cynomel Tertroxin	S.K.F. Glaxo
HEAD III		
†N-(6-Acetoxythymoxyethyl)dimethylamine hydrochloride, whether or not mixed with dried extract of belladonna root	Pan Sedon	Veritas
3 - Acetyl-10-(3-dimethylaminopropyl)phenothiazine maleate	Notensil	Benger's
§1-Benzyl-3-(dimethylcarbamyloxy)pyridinium bromide		
3-Chloro-10-[3-(4-methyl-1-piperazino)propyl] phenothiazine, and salts thereof	Stemetil	M & B
†Cortisone and analogous steroid hormones and esters thereof whether or not mixed with either or both of the following substances, that is to say, aluminium hydroxide and magnesium trisilicate	Co-Deltra Co-Hydreltra Deltalone	Merck Sharp & Dohme Ward Cassenn
*Crotamiton		
†Dextromethorphan, and salts thereof, whether or not mixed with ammonium chloride	Romilar expectorant	Roche

Additions and Extensions	Exempted by virtue of entry	Maker
Diethylthiambutene hydrochloride	Nicoxin Nicarbazin	M & B Merck Sharp & Dohme
4: 4'-Dinitrocarbanilide and 2-hydroxy-4: 6-dimethylpyrimidine molecular complex		
Diphenamil methylsulphate	Sterisil	Warner
Forminitrazole		
Glutethimide	Adelphane	Ciba
Hexetidine		
Hydralazine, and salts thereof; dihydrallazine, and salts thereof	On clinical trial	Pfizer
Hydroxychloroquine sulphate		
Hydroxyzine, and salts thereof	On clinical trial	
Levallorphan, and salts thereof		
Mephentermine, and salts thereof	Oblivon C	British Schering
Meprobamate		
*Methoxyphenamine hydrochloride with or without sodium citrate	Frenquel†	Riker
†Methylpentynol; methylpentynol carbamate		
*Methypylone	Ronicol Compositum	Roche
*Neostigmine salts and neostigmine alkyl salts		
§3-(5-Nitro-2-furfurylidene-amino)-2-oxazolidone	Sandosten ointment	Sandoz
*Phensuximide		
alpha-(4-Piperidyl)benzhydrol hydrochloride		
*Pipradrol hydrochloride		
*Pyridostigmine salts		
†Thenalidine, and salts thereof, whether or not combined with calcium salts		
†Vitamins, vitamin complexes and provitamins, whether or not combined with one or more of the following substances, that is to say, iodine, sodium chloride and salts of calcium, of cobalt, of potassium or of zinc		
†Any antimicrobial substance [as described in previous orders] mixed with cetyl pyridinium chloride		
*Buclicline		

†Extension of previous exemption.

*Redefinition of previous entry, preparation already exempted. (Approved name.)

§Transferred from Head II.

†Preparation available shortly.

COMPANY NEWS

Previous year's figures in parentheses

ALLEN & HANBURYS (SOUTH AFRICA), LTD. — Mr. Harold Dreech has been appointed managing director in succession to Mr. G. G. McIntyre, who has had to resign because of ill health.

L. ROSE & CO., LTD. — Net profit for 1956 is £109,345 (£111,212) and the Ordinary dividend 22½ per cent. (same). Prospects for the current year appear to be favourable, says the chairman, Mr. L. Rose.

BRITISH ALKALOIDS, LTD. — Final dividend of 16½ per cent., making 5½ per cent. for year to March 31, 1957 (same equivalent) is declared, absorbing £20,930 net. Subject to final audit, profit, after all charges, is £21,320 (£24,513). U.K. tax charged £36,600 (£34,150).

CUSSENS, SONS & CO., LTD. — Results for 1957 to date show an improvement on those of the corresponding 1956 period, the chairman, Mr. Leslie Cussens, has told shareholders. Turnover for 1956 was slightly higher and exports were increased, but with rise in costs, group profits, before tax, fell from £368,581 to £280,343. Net profit was £122,600 (£181,265) and the dividend is held at 20 per cent.

SCHWEPPE, LTD. — Final dividend is 12½ per cent. for 1956 on the Ordinary capital increased by a one-for-ten rights issue. The interim on the old capital was held at 5 per cent. Subject to final audit, group trading profits, after deducting special development charges in subsidiaries at home and overseas, are £1,737,632 (£1,840,063) and the group net profit is £498,458 (£663,115), after tax of £709,967 (£708,771). Profit attributable to the holding company is £464,673 (£595,108).

IMPERIAL CHEMICAL INDUSTRIES, LTD. — An unchanged 10 per cent. dividend on Ordinary capital is announced for 1956. The final dividend is again 6 per cent. but payable on £143 millions (£142 millions). Consolidated sales were £24 millions higher at £435 millions and established a new record. After heavier provisions for depreciation and employees' profit sharing bonus, group income contracted from £53.58 millions to £50.12 millions and the net profit from £29.68 millions to £26.36 millions. The parent's net income of £19.29 millions compares with £23.98 millions.

KODAK, LTD. — Mr. H. S. Carpenter (chairman and managing direc-

tor) was taken seriously ill during a recent visit to America. In view of the gravity of his present condition and on medical advice that it may be months before there is any possibility of improvement, the following changes and appointments have been made by the board:—Mr. D. McMaster has resigned as deputy chairman, but retains his seat on the board; Mr. A. D. Page has been appointed a deputy chairman and acting chairman; Mr. I. D. Wratten is appointed a deputy chairman; and Dr. D. A. Spencer is appointed managing director.

COOPER, McDOUGALL & ROBERTSON, LTD. — Net profit of the parent company for 1956 is £75,292 (£135,493) according to preliminary statement. Consolidated profit, before taxation, is £202,034 (£333,542); taxation £153,153 (£187,772). The consolidated profit of £202,034 includes dividends from Argentine subsidiaries of £11,300 (£9,500); being earned in a trading year ending subsequent to June 30, 1955, they are remittable under Argentine regulations. That profit also includes income from associated companies £76,756 (£76,617) and is stated after deducting depreciation of £124,363 (£111,173). Ordinary dividend recommended is 7½ per cent., (10 per cent.); carry forward, £73,848 (£69,695).

THE BRITISH DRUG HOUSES, LTD. — The preliminary statement of results for 1956 shows group profit after all charges except taxation amounted to £432,283 (£522,076). The taxation charge was £236,978 (£291,192) giving a group net profit of £195,305 (£230,884). The whole of these profits in both years is attributable to the members of the holding company. After retaining £40,981 (£21,025) in the accounts of subsidiary companies there remains the net profit of The British Drug Houses, Ltd., of £154,324 (£209,859) to which must be added the carry forward of profits from the previous year of £117,945 (£89,789) making a total of £272,269 (£299,648). Dividend on Ordinary stock recommended is 17½ per cent. (same).

F. W. BERK & CO., LTD. — The address by the chairman (Mr. A. D. Berk), circulated with the accounts for 1956 states that despite 15 per cent. increase in sales net profits were £115,147 compared with £174,567 in 1955. Highly competitive markets have precluded the recovery of most of the rising costs whilst during the year the company maintained a number of voluntary "standstills" in prices. The associated company, Abbey Chemicals, Ltd., remains in the development stage; it may be some time yet before a dividend can be expected from that source, the chairman states. The reduction in profit on manufacturing operations largely accounts for the reduced earnings in 1956. The increased turnover on the merchandising side kept the level of profits comparable with those in 1955, despite the higher cost of salaries and amenities. For accounts see C. & D., April 20, p. 430.

EVANS MEDICAL SUPPLIES, LTD. — The statement by the chairman (Mr. Ian Fergusson) accompanying the accounts for 1956 discloses that some increase in sales just failed to

compensate for reduced margins and increased expenses, so that trading and manufacturing profit fell from £373,321 to £362,922, whilst the year's available balance was reduced by £5,173 to £98,091. The proposed transfer of £40,631 to reserve and the payment of a dividend at the same rate as a year ago, although now on the larger ordinary capital for the full year, will leave £89,179 to be carried forward compared with £86,655 brought in. Work of most of the buildings for the Burma Pharmaceutical Industry is complete and the latter is building up to full production. A new subsidiary company, Evans Medical (Nigeria), Ltd., was registered in Lagos during the year to develop our interests in this important market and all formation expenses and non-recurring initial costs of establishment have been written off in the consolidated accounts. Overseas markets now take one-half of the company's production.

Voluntary Liquidation

V. UNDERWOOD & CO., LTD., chemists, [R.O.]: 68 Park Road, London, N.W.1. Liquidator: Mr. R. P. Booth, 14 Holborn Viaduct, London, E.C.1.

BUSINESS CHANGES

MR. RUSSELL M. LAKE, M.P.S., has acquired the pharmacy of the late Mr. H. Birkett, M.P.S., 26 Baker Street, Hocknall, Nottingham.

FROM May 1, Bradstreets British, Ltd., and the Dun & Bradstreet Organisation (credit reporters) are to assume the title Dun & Bradstreets, Ltd.

NU-SAN, LTD., have moved to 15 Wellington Circus, Nottingham (from 10 Drake Street, Red Lion Square, London, W.C.1). Orders should be sent to the distributors: Dalmas, Ltd., Weymouth Street Factory, Leicester.

RANK PRECISION INDUSTRIES, LTD. (cine and optical division) have opened a section for cine equipment repair in the service department, 52A Goldhawk Road, London, W.12 (telephone Shepherds Bush 8681). Orders and requests for spare parts should be sent to the company at Woodger Road, Shepherd's Bush, London, W.12.

ALBRIGHT & WILSON, LTD., removed to 1 Knightsbridge Green, London, S.W.1, from Park Lane, W.1, on May 3 (telephone: Kensington 3422). As part of an internal reorganisation within the group, the manufacturing activities in the past carried on by the company have been transferred to a wholly-owned subsidiary: Albright & Wilson (Mfg.), Ltd. There is no change in the addresses of the offices and works from which the manufacturing activities are carried on but all communications should now be addressed to Albright & Wilson (Mfg.), Ltd. The head office of that company is at Oldbury, near Birmingham, but the head sales office is at the same address as the London sales office of Albright & Wilson, Ltd., mentioned above.

Appointments

VINE'S BIOCRIN, LTD., 222 Harrow Road, London, W.2, have appointed

Mr. A. E. Roberts to their representative staff.

EUCRYL, LTD., have appointed Anderson Jenkins & Co., Ltd., 64 Queen Street, Glasgow, their agents in Scotland for Eucryl and Galloway products.

COW & GATE, LTD., Guildford, Surrey, have appointed Mr. R. Maxwell



Mr. R. Maxwell.

well their assistant sales and advertising manager.

P F I Z E R, LTD., Folkestone, Kent, have appointed Mr. W. James Eastwood sales manager of their newly created proprietaries division. In that capacity Mr. Eastwood will be responsible for the distribution and marketing of the company's proprietary (non-ethical) lines.

MARRIAGES

DRIVER—PRICE. — At Baildon parish church, Baildon, Yorks, on April 27, Thomas Driver, M.P.S., Rostle Top Road, Earby, Lancs, to Brenda Marilyn Price, St. Aidan's Road, Baildon.

LEE—ADAMS. — At Stoke Parish Church on April 4, Gordon H. Lee, M.P.S., 47 Siddeley Avenue, Coventry, to Sheila Adams, 50 Bawnmore Road, Bilton, Rugby.

DEATHS

ARNOLD. — At Little Croft, Purn Road, Bleadon Hill, Weston-super-Mare, Somerset, on April 19, Mr. Francis J. Arnold, M.C., aged sixty-one. Mr. Arnold would have completed in August, twenty-five years' service as representative for Ex-Lax, Ltd. He was known to many chemists in the London area where he lived until 1941 and afterwards to those in the West Country, South Wales and Birmingham areas. He is survived by his widow and a son.

GAUTIER. — Recently, Dr. Raymond Gautier, former assistant director-general of the World Health Organisation.

POTTER. — Recently, Mr. William Potter, M.P.S., 22 Meteor Road, Westcliff-on-Sea, Essex, aged ninety-one.

Mr. Maurice Blumenthal writes: The death of William Potter breaks a link with the West Ham Pharmaceutical Association that lasted for over half a century. The deceased was a founder member and was its president in 1905, 1913 and 1926. He was jealous for the pharmacist's reputation and from the outset of the operation of the Insurance Act did his best to promote and maintain the highest possible standards for the profession. He had a strong personality. His integrity and sense of honour were of a high order and he showed little tolerance for those who stepped down from the heights he

set for himself. In his private life and in the pharmaceutical politics of the borough which he adorned he thought with kindness, he acted with courage and he differed with grace. He will be remembered by his friends with affection and respect.

SMITH. — On April 22, Mr. Charles Wigston Smith, M.P.S., 5 Oxford Street, Shephed, Loughborough, Leics, aged fifty-three. Mr. Smith had been for many years in business as a chemist in the Bull Ring, Shephed, Leics. His father founded the business there over forty years ago.

PERSONALITIES

MR. H. HOLLAND, M.P.S., proprietor of the Aldwick Road Pharmacy, 80 Aldwick Road, Bognor Regis, Sussex, has been elected a member of the West Sussex Pharmaceutical Committee.

Mr. Alexander Forsyth, B.Sc., M.P.S., who was recently appointed managing director of T. & H. Smith, Ltd., Edinburgh (see C. & D., March 30, p. 346).



MR. PETER EDWARDS, who has been appointed merchandising manager

of Richard Hudnut, Ltd. and of Lambert Chemical Co., Ltd., was previously assistant sales manager of Richard Hudnut, Ltd. and before joining that company in 1954 served with Colgate Palmolive Ltd.

MR. P. GLEESON, M.P.S. (export department, Ciba Laboratories, Ltd.), is at present on a two-week tour of Ireland giving lectures and film shows to pharmacists.

MR. H. B. KINLAY, M.P.S. (director of Heynes Mathew, Ltd., Cape town; and of South African Druggists Ltd., Johannesburg), has arrived in London. All communications may be addressed to him c/o Davis & Soper Ltd., 52 St. Mary Axe, London, E.C.3.

MR. JOHN BAIKIE, M.P.S., Nuneaton, Warwicks, has been appointed chairman of Warwickshire Pharmaceutical Committee. Mr. Baikie is a pharmaceutical member of Warwickshire Executive Council, and is chairman of the Warwickshire Branch of the National Pharmaceutical Union.

MR. W. L. JEFFREY, M.P.S., has taken up an appointment with Burroughs Wellcome & Co. as an executive in their overseas division with duties in connection with the development of special markets. Mr. Jeffrey recently returned from Canada where he held the position of general sales manager of Poulenc, Ltd.

LEGAL REPORT

Sales Without Supervision

At Southend-on-Sea court on April 26 a fine of £10 on each of seven summonses was imposed on Pavilion Pharmacy (Leigh-on-Sea), Ltd., 1075 London Road, Leigh, and an order was also made for payment of £8 8s. costs. At a hearing on April 5 which was adjourned so that the company could be given a chance to be represented in court, it was alleged in seven summonses that the firm sold by retail on various dates in November and December 1956, while not an authorised seller of poisons, a Part I poison; another summons alleged that a sale of a poison on a date in December 1956 was not effected by or under the supervision of a registered pharmacist, and the seventh alleged that on the same date the firm unlawfully used, in connection with the sale of goods by retail, the title "chemist."

For the Pharmaceutical Society it was stated that quite apart from the number of summonses, the case was serious. A letter from the company, signed by Mr. G. A. Cawkwell—whose late father it was understood, used to own the business and was a pharmacist—had said that the company had been wound up; but a search had shown that it was still in existence. In one of the cases a proprietary article containing strychnine had been sold; four of the summonses related to the dispensing of National Health Service prescriptions, which included Dangerous Drugs. When the son took over the business he employed for a time a lady pharmacist. In September 1956 an inspector under the Pharmacy and Poisons Act, 1933, asked Mr. Cawkwell where she was and he replied that she was not there, that she had had a bad attack of internal trouble. The inspector believed him at the time and warned him that he must not sell poisons while the pharmacist was not there. Later the inspector visited the shop again and asked for the pharmacist and was told that she had been admitted to hospital suffering from politis. The inspector went to the hospital. It was true enough that she was there, but she was not a patient, she was working there. The inspector subsequently sent one of his staff into the shop and something containing strychnine was supplied. The inspector himself went in and made inquiries about prescriptions. Four prescriptions containing poisons which were dispensed by the company in the absence of a pharmacist were shown in court. The complete picture was, the Society's solicitor said, "of a chemist's shop being carried on by an unqualified person, poisons being sold at the counter in a normal way and the dispensing of prescriptions, including some containing poisons." The Home Office had taken the case to the Pharmaceutical Society to take the present proceedings, and the council had instructed him to submit to the court that it was one of the worst cases that it had ever presented to magistrates. At the resumed hearing the Society's solicitor told the clerk that nothing was known previously against the company or the directors. For the defence it was claimed that

the days when the chemist was in the dispensary at the back of the shop "mixing up poisons and other things" were largely gone. Today most of such things were manufactured by large wholesale chemists and druggists and were sent, already packed, to the retailer. That was mentioned lest the bench should have a picture of people at the back of the shop dispensing wholesale quantities of poisons. There were three directors of the company—Mr. and Mrs. G. A. Cawkwell and Mrs. Eileen A. Brown, who was a pharmacist. The company were not running a drug store which had sprung up overnight and from which was being sold goods to the public, including Dangerous Drugs, by someone who did not know anything about them. Mr. Cawkwell's father owned the business in 1933 and was a pharmacist and Mr. Cawkwell worked with his father in the shop up to the 1939-45 war, when he went into the forces. Since his return there had always been a pharmacist on the premises until shortly before the inspector called. The lady pharmacist left because there were insufficient prescriptions for her to do and a successor could not be found. The business was now operating merely as a drug store. Mr. Cawkwell had looked for a pharmacist up to just before December 1956. It was easy to say "well, he should have stopped this," but life was not like that; he had a business and he wanted to keep it going.

MANUFACTURERS' ACTIVITIES

Factory Extension.—The inauguration ceremony of a factory extension



The Lord Mayor of Portsmouth (Councillor A. C. Asquith-Leeson) cuts the first turf with a silver-bladed spade to mark the start of building operations on the new extension of the Paulsgrove plant, Cosham, of Johnson & Johnson (Gt. Britain), Ltd. Watching are Mr. J. F. Brooke (chairman) and Mr. J. Roberts (plant manager).

scheme at the Cosham, Portsmouth, premises of Johnson & Johnson (Gt. Britain), Ltd., was performed by councillor A. G. Asquith-Leeson (Lord Mayor of Portsmouth) on April 25. Before a gathering of civic officials, contractors, directors, customers, staff and workers of Messrs. Johnson & Johnson, the Lord Mayor cut the first sod to mark the commencement of work on the site. Mr. J. F. Brooke (chairman, Johnson & Johnson (Gt.



ADVERTISING AWARD: Layton trophy won by Mather & Crowther, Ltd., advertising agents, London, W.C.2., on behalf of Genatosan, Ltd., for an advertisement for Sanatogen. The advertisement was based on photographs from the Steichen exhibition of "The Family Man." The Layton awards are made annually by C. & E. Layton, Ltd., London (trade typesetters, process engravers, etc.) for the best black and white and colour letter letter-press advertisements published in Britain during the year. Seventy agencies submitted a total of 1,175 entries for consideration. The trophy illustrated and gold medal form the supreme black and white award.

Britain), Ltd.) said that the firm had first become associated with Portsmouth in 1950 and by 1951, thanks to the tremendous amount of help given by the local authorities the removal to Portsmouth had proved to be one of the quickest and smoothest that the firm had ever known. At first there had been 270 workers. Now with 370 employees there was overcrowding and the extension was really necessary. Production had, in fact, more than doubled since 1952. Johnson & Johnson, said the Lord Mayor, was a company with whom Portsmouth was glad to be associated. It was an example to any industrial concern to see how the factory was run and the ideal conditions under which the products were made. Many of the employees had come from the Midlands and he was glad that they had elected to stay. He congratulated Mr. J. Roberts (plant manager) on the fine job which he had done. The extension, which will cover an area of 60,000 sq. ft. and is scheduled to be completed within a year, will be used mainly for baby products manufacture. Among the guests were Mr. W. R. D. Voke (chairman, Portsmouth Branch of the Pharmaceutical Society), Mr. N. L. Banks (secretary, Portsmouth Branch of the Society) and Mr. J. C. Bloomfield (secretary, Portsmouth Branch, National Pharmaceutical Union).

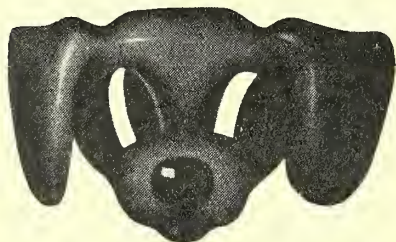
Twentieth-century Treatment.—Two expeditions setting out this year have included supplies of Terramycin, donated by Pfizer, Ltd., Folkestone, Kent, in their medicine chests. They are the Mayflower II, on its way to the United States and the Queen's University, Belfast, expedition to central West Spitsbergen, due to leave in the summer.

TRADE NOTES

Advertising Error Corrected.—International Laboratories, Ltd., 205 Hook Road, Surbiton, Surrey, point out that the retail price of twenty-five Do-Do tablets is 3s. 8½d. and not as stated in their advertisement in the C. & D., April 20.

"Sanpanties."—Southalls (Birmingham), Ltd., Charford Mills, Saltley, Birmingham, market three types of "sanpanties," a nylon brief lined with fine rubber (blue carton); a rayon tricot sanpantie with soft plastic protection and elasticated legs (maroon carton); and a rayon tricot sanpantie with open leg (green pack).

"Give a Dog a Good Name."—A national competition is announced by Petfoods, Ltd., Melton Mowbray, Leics. in connection with a sales promotion scheme for Meet. Competitors are being asked to name the dog whose head (seen here) appears on the label and send it in together with one Meet label (large or small). The person who,



in the opinion of the judges, suggests a name which most aptly fits the dog receives furniture to fill a house or £1,250 in cash. There will be twenty second prizes consisting of Hoover washing machines and fifty third prizes of £5 each. Retailers from whom the Meet was purchased by prize-winners each receive £5. Entry forms are being distributed to retailers by the company's representatives. Customers can enter for the competition on those forms or through a coupon which is appearing in national Press advertising commencing June 21. Judges include a representative for Petfoods, Ltd., an advertising executive and Mr. Peter Haigh, the well-known television personality. Press and television advertising will be "exceptionally" heavy.

In London Area Only.—Andre's toilet tissue is being offered by Bowater-Scott Corporation, Ltd., St. Andrew's Road, London, E.17, in choice of four colours only in the London postal area at present (see C. & D., April 27, p. 459).

Talc Gift Offer.—For sale at the usual price of the tin of talc, J. C. & J. Field, Ltd., Church Street, Amersham, Bucks, are distributing their French Pink and French Moss talc in an attractive pack with a free matching guest size tablet of soap, for a limited period. The minimum pack is 3 doz. (1½ doz. of each perfume). A window sticker advertising the offer is available from the company.

Additions to Range.—The Silmor Distributing Co., 16 Cosway Street, Marylebone, London, N.W.1, have added to their range of André Philippe

preparations a gift box outer containing one eau de toilette and one six-sachet bubble bath, each packed in Sheerpack container. To their range of Le Galion products they have added Le Galion perfume, special for gentlemen, 3½ oz.; and frictions for gentlemen and friction eau de toilette for ladies in 22-c.c. containers.

Bonus Offers

SCOTT & TURNER, LTD., Andrews House, Newcastle-on-Tyne. Zeph nasal spray. Twelve charged as eleven. Until May 31.

GENATOSAN, LTD., Loughborough, Leics. Sebbix cream shampoo. Six tubes charged as five. Twenty-four sachets charged as twenty. Until June 28.

CUXSON, GERRARD & Co., LTD.,

NEW PRODUCTS AND PACKS

Easy-to-swallow Penicillin V.—Abbott Laboratories, Ltd., 3 Wadsworth Road, Perivale, Greenford, Middlesex, announce the introduction of a new 250 mgm. Compocillin-V Filmtab (potassium penicillin V, Abbott), the advantages claimed for which are that it is easy to swallow and fast to disintegrate. Potassium penicillin V is relatively stable in acid media and not inactivated by gastric secretions. Its ingestion is understood to be followed by rapid absorption from the alkaline medium of the duodenum. Compocillin-V is the company's trade mark for its brands of penicillin products, and the new form is in addition to Compocillin-V oral suspension, which supplies 300,000 units of penicillin V as hydrabamine salt. When compared on a unit-for-unit basis, both products produce higher blood levels than the equivalent salts of penicillin G. The 250 mgm. Compocillin-V Filmtabs (400,000 units) are supplied in bottle of twenty-five.

New Colours in Cosmetics.—Elizabeth Arden, 25 Old Bond Street, London, W.1, are now marketing a new pale, "pure pink" lipstick and "golden poppy" lipstick, rouge and nail lacquer.

Hair-conditioning Cream Shampoo.—Safrada cream shampoo, a new speciality of F. W. Hampshire & Co., Ltd., Derby, is claimed to condition the hair during washing. It is an iridescent pink cream sold in golden sachet.

Calamine Cream.—The Crown Capsule Co., Ltd., Campbell Street, Helensburgh, Dumbarton, are introducing Skin Soft, a soothing and emollient calamine cream for the treatment of irritant skin conditions, sunburn, rough hands, etc. The product is attractively packed in outers of 2 doz. tubes.

Baby Pants.—Southalls (Birmingham), Ltd., Charford Mills, Saltley, Birmingham, have designed new baby pants from soft plastic material. The pants are waterproof and durable, especially if washed frequently. They are available in medium and large sizes with either elastic or open legs and presented in an attractive blue pack.

Lanolin-impregnated Baby Pants.—P. B. Cow & Co., Ltd., 12 Hay Hill,

Fountain Lane, Oldbury, Birmingham Adaptoplast and Adaptopruft dressings Sanoid foot comforts and boil treatment. 5 per cent. discount on order value £5 and over (excluding purchase tax) in return for two-week display. Also 5 per cent. discount on Carnation corn and callous caps ordered at the same time and up to equivalent value of the other plasters. Until July 31.

SMITH & NEPHEW, LTD., Welwyn Garden City, Herts. Elastoplast. 5 per cent. discount in return for two-week display; 7½ per cent. quantity discount and free counter dispenser on £1 direct Elastoplast order (trade price value) to include at least £7 10s. of first aid dressings. 2½ per cent. discount in return for two-week display; 3½ per cent. quantity discount and free counter dispenser (small) on £7 10s. direct Elastoplast order (trade price value) to include at least £4 of first aid dressings.

Berkeley Square, London, W.1, have remodelled the range of Li-Lo plastic baby pants by the introduction of lanolin-impregnated plastic sheeting. The pants are now all-welded, no stitching at all being used in their manufacture. They are made in the following models: Medium and large sizes in open and elastic leg styles and Li-Lo Snappit in large open-leg style only. At the same time Messrs. Cow have restyled the pack, which now includes an attractive counter-display box to hold 1 doz. of a size, each pair of pants being individually packed in a printed transparent cellulose envelope.

Hairbrush Free.—With the new hair spray Set-a-Net manufactured by Delavelle, Ltd., Orsman Road, London, N.1, a free hairbrush is being offered. The spray is packed in a non-spill polythene, squeeze bottle, and, with the handbag-size brush, is comfortably carried in a beach bag or beauty box. To make the spray as light as possible and so avoid giving the hair a stiff set look, it has been made without shellac. Lanolin has been added "to encourage natural sheen." Set-a-Net has a light, flowery perfume.



PHOTO FAIR 1957

DURING the six days of the second British Photo Fair held at Olympia, London, recently, nearly 104,000 people passed through the turnstiles—such is the measure of public interest in photographic equipment.

So comprehensive was the array of apparatus which ranged from simple snapshot cameras costing under £5 each to precision-made expensive miniatures and elaborate professional apparatus, that this review must concentrate mainly on new equipment of interest to the average chemist-dealer.

A gratifying feature was the emergence of two British cameras of original design—the Agimatic (shown in prototype at the Photokina, 1956, exhibition at Cologne, Germany (see *C. & D.*, November 3, 1956, p. 486)) and the Periflex III. The AGIMATIC produced by AGILUX, Ltd., Purley Way, Croydon, Surrey, is a 35-mm. instrument described as "the fastest handling 35" by reason of its four-in-one control. A single trigger concentric with the shutter housing first releases the shutter, then, as it is further depressed, advances the film, recocks the shutter and sets the film counter. Other features are a coupled combined range-finder/view-finder, nine-speed fully synchronised shutter, interchangeability of lenses (45-mm. $f/2.8$ and 85-mm. $f/5.5$ telephoto) and built-in extinction-type exposure meter. Deliveries commence in May. Price: £24 17s. 6d.

The PERIFLEX III (K. G. CORFIELD, Ltd., Merridale Street, Wolverhampton), is a development of the current model, with styling improved by enclosing the periscope focusing device under the top plate, which now carries only the winding and rewind knobs and accessory shoe. Focusing is at eye level and the shutter has been speeded $1/1000$ to 1 sec.; and is now reset as the film is advanced. The periscope focusing device is on the lens axis, its finely etched screen permitting focusing at the operating aperture. A bright direct-vision finder with interchangeable front elements suits various lenses. Prices: with Lumax-X $f/3.5$, £65 2s. 6d.; with $f/2.8$ Lumax, £79 6s.; with $f/1.9$ Lumax, £89 10s.

Other British Cameras

There were several new models in the camera range of ROSS ENSIGN, Ltd., 3 Clapham Common North Side, London, S.W.4. A simplified and re-styled version of the well-known Ful-

Vue—the FULVUEFLEX—has a fixed-focus lens, large reflex view-finder with hinged hood and ever-set flash-contacted shutter. It takes twelve exposures on 120-size roll film and at its price (£2 14s. 11d.) is likely to prove popular. A full range of accessories includes capacitor flash unit (£1 12s. 6d.), ever-ready case (15s. 4d.), lens hood (2s. 5d.), yellow filter (6s. 11d.), portrait lens (8s. 4d.) and folding direct-vision view-finder (14s. 7d.). The SELFIX SPECIAL 820 and the AUTORANGE 820 both take eight or twelve

contacted. Available accessories are an ever-ready case, flash-gun, filter, close-up lens, and lens hood.

Imported Cameras

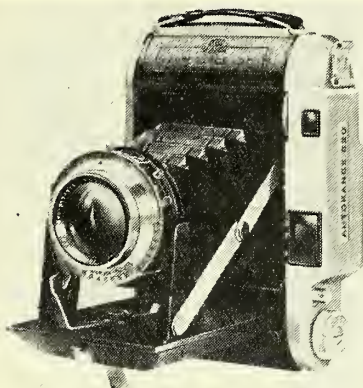
Introduced since the 1956 Photokina is the LEICA IIIg, (E. LEITZ (INSTRUMENTS), LTD., 20 Mortimer Street, London, W.1), which drew serious photographers as a honeypot draws bees. Similar in general design to model IIIf, which it supersedes, the instrument has an efficient bright-line view-finder system (rather like that on the M3) and simplified flash synchronisation. Like many other pieces of Continental equipment, the new camera is available only in limited quantities while present quota restrictions continue.

Newcomers in the ZEISS range (distributors in Britain: PEELING & KOMLOSY, 181 Victoria Street, Dunstable, Beds), were the Super Ikonta IV, the IKOFLEX Favorit, the CONTINA III and the CONTAFLEX IV. All are on quota. Super IKONTA IV is a folding 6 x 6-cm. camera with built-in exposure meter, $f/3.5$ Tessar in Synchro-Compur-MXV shutter with exposure values. Price: £74 15s. 4d. IKOFLEX FAVORIT is a 6 x 6-cm. twin-lens reflex also with built-in photoelectric exposure meter and $f/3.5$ Tessar in Synchro-Compur shutter. Price: £117 12s. 7d. CONTINA III is a 35-mm. miniature with built-in photo-electric meter and 45-mm. Pantar $f/2.8$ lens in Prontor-SVS shutter with light-value settings. Price: £53 8s. 8d. CONTAFLEX IV is a direct-vision 35-mm. reflex with built-in p-e meter and 5-cm. Tessar $f/2.8$ in Synchro-Compur with exposure values. Price: £109 18s. 2d.

A Prototype on Show

R. F. HUNTER, LTD., 51 Gray's Inn Road, London, W.C.1, showed a prototype of a 4 x 4-cm. ROLLEIFLEX produced largely from tools used to make the pre-war model but incorporating features that have been progressively added to the 6 x 6-cm. models. In its dove-grey livery, the little twin-lens reflex looked very smart: it is not yet in production. Also on Messrs. Hunter's stand were the latest Rollei-flexes (the 2.8E and 3.5E), which have built-in exposure meters and five-glass objectives—Planars and Xenotars—lenses of extremely fine resolving power.

New models in the Franka range were also shown by Messrs. Hunter.

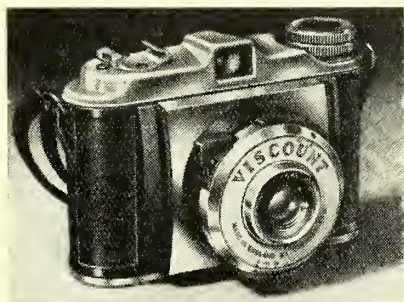


Ross-Ensign Autorange 820 with Ross Xpres $f/3.8$ lens in Prontor SVS light-value shutter.

exposures on 120 or 620 film. The Selfix has a built-in but uncoupled range-finder/view-finder, while the Autorange has the range-finder coupled to the focusing system. Both are fitted with Ross Xpres $f/3.8$ lenses in Prontor SVS shutter with light-value settings. Prices: Selfix Special, £35 19s. 4d.; Autorange, £59 17s. Shown in prototype was an Ensign colour camera with exposure calculator embodied in the shutter and diaphragm controls, and a colour-coded depth-of-field scale. The camera is equally suitable for monochrome work. It is expected to be available towards the end of the year.

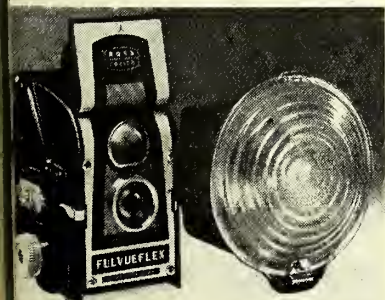
An Inexpensive Model

CORONET, LTD., 308 Summer Lane, Birmingham, 19, were showing their new VISCOUNT, an 84s. camera

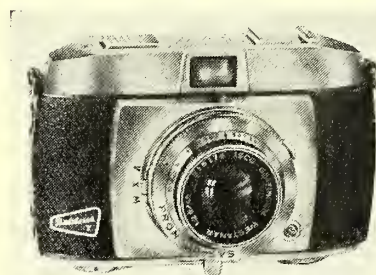


Coronet Viscount camera.

taking eight exposures on 828 film. It has a cemented achromatic lens working at $f/8$ and $f/16$ in a two-speed shutter (1/100, 1/30 and B) and is flash-



Ross-Ensign Fulvueflex twin-lens camera and synchroflex capacitor.

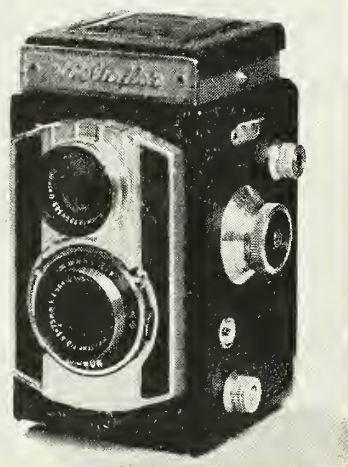


Baldessa I camera shown by J. J. Silber.

They were the Solidas and the Frankarette and the Frankarette Super. The SOLIDA II and IIR are 6 x 6-cm. folding models with f/3.5 Xenar lenses in Prontor-SVS shutters with light-value scales. IIR has also a built-in uncoupled range-finder. Prices: £25 10s. and £30 12s. 6d. respectively.

The FRANKARETTES are 35-mm. instruments exhibiting ingenious points of design. The Frankarette has an f/2.8 Ennit lens in Prontor-SVS shutter with light-value scale, while the SUPER model has an f/2.8 Xenar, also in Prontor-SVS with light-value scale, plus a coupled range-finder. Prices: £25 19s. 6d. and £37 6s. respectively.

On the stand of J. J. SILBER, 51 Avenue Chambers, Vernon Place, London, W.C.1, perhaps the star new camera was the BALDESSA I, a pleasant-looking 35-mm. instrument with rapid-wind hinged key in the bottom plate permitting rapid sequence shooting in conjunction with the "piano-key" shutter release. The lens is a 45-mm. f/2.8 four-glass Westanar in 9-speed Prontor-SVS shutter with exposure values. Price: £23 19s. 6d. Other newcomers on the Silber stand were the WELTAFLEX 6 x 6-cm. twin-lens



Weltaflex camera on stand of J. J. Silber.

reflex with 75-mm. f/3.5 Meritar lens in 8-speed Vebur shutter. Price: £34 11s. 6d.; the HALINA, another twin-lens focusing reflex with f/3.5 lens in 4-speed shutter. Price: £12 12s.

Also on view, but not available in this country yet, were samples of the PRAKTICA and PRAKTINA 35-mm. eye-level reflex camera and of the 6 x 6-cm. PRAKTISIX single-lens reflex. All emanate from the Eastern Zone of Germany.

Newcomers were also to be found on the stand of AMPLION (1932), LTD., 175 Cricklewood Lane, London, N.W.2. A 6 x 6-cm. twin-lens reflex, the MONTIFLEX, with f/3.5 Pluscanar lens in 9-speed shutter, was available in three versions (with 9-speed Prontor-SVS with click stops, at £30 7s. 8d.; with magnifier, £30 18s. 1d.; with latest light-value shutter, £32 15s.). The prices include an ever-ready case in hide. In the 35-mm. range were the DeJur, Montana and Tina. The DEJUR has an interchangeable f/2.8

Westar lens in click-stop Prontor-S, lever-wind, shutter. Price: £23 1s. 2d. The MONTANA has an f/3.5 Deltamon in 3-speed shutter. Price £10 10s. The TINA is a ladies' version presented in two-tone colour scheme (snake-skin and black; blue and white, black and white, red and gold, green and gold). Price: £11 0s. 7d.

New PAXETTE models on the stand of NEVILLE BROWN & CO., LTD., 77 Newman Street, London, W.1, were the 1A and the Supers. Model 1A is fitted with a 50-mm. f/2.8 four-element Plastigon lens in Prontor-SVS light-value shutter. Price: £24 18s. 6d. Super Paxettes have coupled range-finder/view-finder. Model 1/P has a non-interchangeable f/2.8 Pointikar lens in Prontor-SVS shutter. Price: £32 12s. 6d.; model 2/P has an interchangeable f/2.8 Pointikar in Prontor-SVS. Price: £38 18s. 6d.; 2/X has an f/2.8 Xenar, but is otherwise similar to the 2/P Price: £48 18s. 6d. 2/T is fitted with an f/2.8 Tessar. Price: £65.

ACTINA, LTD., 10 Dane Street, London, W.C.1, were showing their ranges of Bilora and Regula cameras, including the comparatively recently introduced BELLA 66, a simple two-speed twelve-on-120 camera with f/11 lens. Price: £5 19s. 11d.; the BOY, a smart box-form camera, also making twelve exposures on 120 film, and with f/11 lens. Price: £2 19s. 9d.

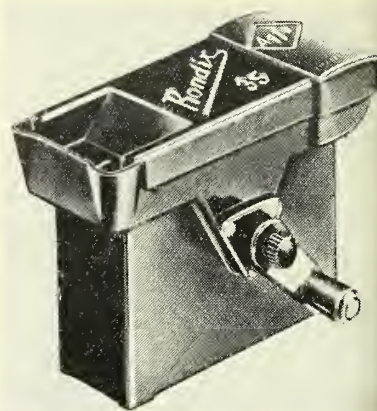
REGULA IIIa is a 35-mm. instrument with lever-film transport coupled with shutter-wind and f/2.8 Rodenstock lens in light-value shutter. Price: £23 19s. 7d.; model IIIb is similar but incorporates a Gossen exposure meter. Price: £32 19s. 11d.

A new model of the Lordomat, the C35, made its appearance on the stand of PHOTO SCIENCE, LTD., 10 North End Parade, London, W.14. It is a *de luxe* 35-mm. instrument incorporating range-finder and photo-electric exposure meter.

Arriving from Italy after the Fair opened, the CLOSTER SPORT a well-made if simple 35-mm. camera, was shown by INDUSTRIAL PHOTO EQUIPMENT, LTD. (a new company formed by H. K. Paul), 60 Berners Street, London, W.1. It has lever wind, time and instantaneous shutter, and focusing f/8 achromat lens.

Displayed—But Not Available

Two models in the range of cameras shown by AGFA, LTD., 27 Regent Street, London, S.W.1, the Automatic 66 and the AMBI-SILETTE, introduced at the 1956 Photokina, made their first and tantalising appearance in this country, for at present they are beyond the reach of the British market on account of import restrictions. The AUTOMATIC 66 is a 2½-in.-sq. folding model with a built-in photo-electric exposure meter that automatically sets the shutter speed appropriate to the stop selected by the user. The AMBI-SILETTE is a 35-mm. instrument bearing a strong family likeness to its less affluent relatives familiar to British dealers and public. Other Silettes on show were the Super, with its coupled range-finder, the Silette L, which has a built-in exposure meter with light-value scale, and other models with the new Compur-Rapid ten-speed shutter with

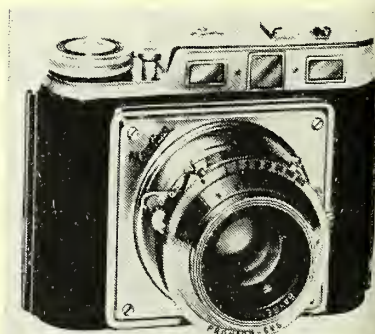


Agfa Rondix 35 daylight developing tank. Having no film-loading spiral the tank has a small developing space and is therefore economical in developer.

light-value scale, and new Prontor-SVS nine-speed shutter.

Messrs. Agfa staged, in fact, their biggest-ever showing at the Photo Fair with three stands. ISOLETTE (2¼ x 2¼ in. sq. picture) cameras shown included the Super with coupled range-finder and Solinar f/3.5, 75-mm. with four-element lens. The Rondix 35 daylight developing tank is without film spiral; in consequence it takes less developer. The Agfa KM capacitor type pocket flashgun is designed to take capless flash bulbs exclusively and is described as the smallest ever. The Lucimeter is a new version of Agfa's photo-electric meter. A "surprise" feature of the company's exhibit was a Agfacolor transparency measuring over 100 sq. ft.! Photographic material shown included Agfacolor negatives; reversal and cine films, a range of tone-true black-and-white films, photographic papers and darkroom equipment.

NORTH STAFFS PHOTOGRAPHIC SERVICES, Balls Yard, Newcastle-under-Lyme, Staffs, were showing a new range of NORDINA 2½-in. sq. camera



Nordina 2½-in. sq. camera.

of non bellows type with collapsible lens mount, body release, shutter/film wind interlock, and die-cast body. Model III.P has f/2.9 Steiner Pronto. Price: £15; III.SVS has f/2.8 Steiner in light-value Prontor SVS. Price: £18 9s.; Nordina Super has specifications as for III. SVS but with uncoupled range-finder. Price: £21 5s. 4d.

(To be concluded)

Inability to take aspirin . . .

IT WAS RECENTLY reported (*Brit. Med. J.*, 1: 444, 1957) that of 178 rheumatic patients, 25% could not take plain aspirin in adequate dosage.

Of this 25%, however, the great majority tolerated a modified aspirin such as Paynocil.

Not only are Paynocil tablets usually well tolerated by the stomach (even on the heavy dosage needed for rheumatoid arthritis), but they are extremely palatable, disintegrate instantly on the tongue without water, and cause no discomfort or unpleasant after-sensation.

. . . indicates

PAYNOCIL

**non-irritant, palatable,
quick-dispersing aspirin**

FOR ADULTS

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EACH TABLET CONTAINS

Acetylsalicylic acid 10 grains
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PACKAGES in sealed foil strips: Cartons of 18:
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Dispensing packs
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Trade Price
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Junior PAYNOCIL

EACH TABLET CONTAINS

Acetylsalicylic acid 2½ grains
Aminoacetic acid 1¼ grains

PACKAGES in sealed foil strips: Cartons of 20:
Retail Price 2/-

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of 240:

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12/-



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Q

Hundreds of thousands who were travel sick last year on land, sea and in the air, need never suffer that discomfort again

because this year you will be able to give them their

'SEA-LEGS'

TRADE MARK



'SEA-LEGS'*12.5 mg. tablets meclozine dihydrochloride***for the prevention of travel sickness
by land-sea-air**

Here is the travel sickness remedy you can confidently recommend to *any* of your customers! Meclozine represents a real advance in the prevention of travel sickness on land, sea or in the air.

A more-than-seasonal line

In thousands of homes travel sickness is a year-round problem—the majority of sufferers are among children travelling daily to school, and adults journeying to and from their work. In millions more homes there is a vast demand for an effective remedy during the holiday months. SEA-LEGS will bring relief to countless sufferers throughout the country!

24-hour protection

SEA-LEGS will not cause dry mouth, blurred vision, or other unpleasant side-effects. They are completely safe for children of all ages (one tablet is the dose for children 1 to 12 years)—and one dose will give protection for 24 hours. Each attractive plastic dispenser case contains 16 tablets—eye-catching display outers and matching showcards are available. SEA-LEGS may be sold by pharmacists without restriction.

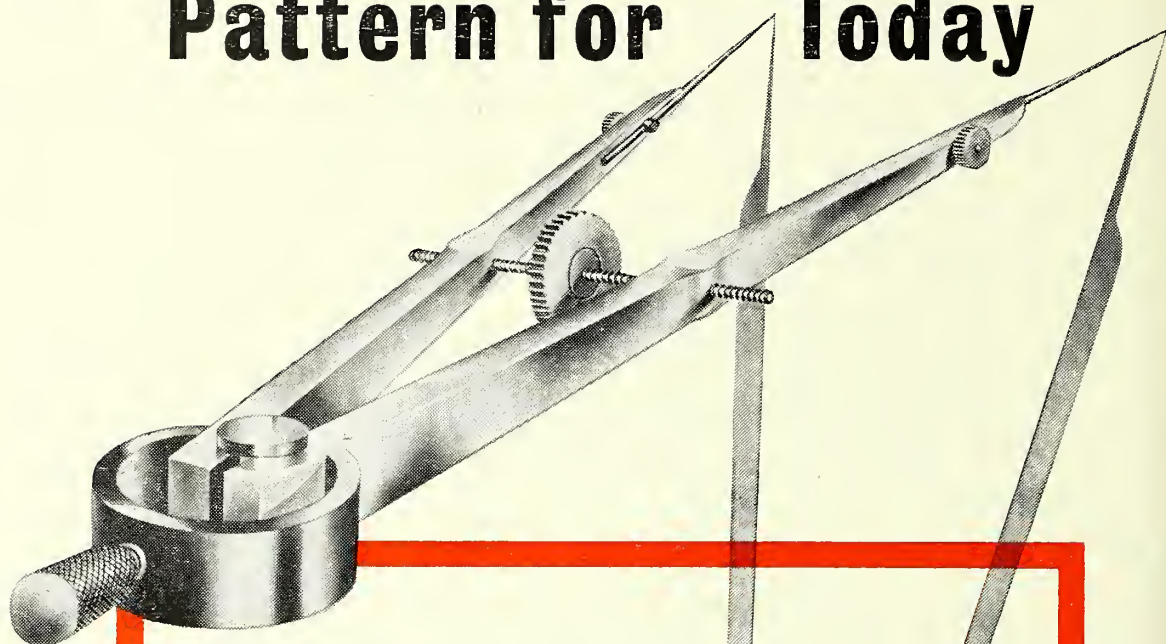
PRICES: PHARMACISTS 1/8 RETAIL 2/6*Exempt from Purchase Tax***'SEA-LEGS'**

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Pattern for Today



Today, the preference is for oral rather than parenteral treatment—provided it is as effective. Penicillin-V has precisely this advantage, giving clinical results consistently comparable with injectable penicillin. It achieves this end because, unlike penicillin-G, it is remarkably stable in gastric secretion. Penicillin-V gives higher blood levels than other oral penicillins and is more potent, dose for dose. When penicillin is indicated, let Penicillin-V Lilly be the choice.

Average Dose: 125mg. (200,000 units) four times daily, increased in severe infections.

'Pulvules' 125mg. and 250mg.

Suspension Paediatric 62.5mg. per 5cc.

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The CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

ESTABLISHED 1859

Published weekly at

28 Essex Street, Strand, London, W.C.2

TELEPHONE CENTRAL 6565

TELEGRAMS: "CHEMICUS ESTRAND, LONDON"

Peter Pays Paul

THE new Purchase Tax Order mentioned on page 482 brings into force a new list of tax-free "essential" drugs and medicines from the beginning of the week. In the list are forty-eight new entries although about one-third are redefinitions of entries formerly appearing under the chemical name and now entered under the designation approved by the British Pharmacopœia Commission.

Of the remaining entries thirteen have previously appeared under head two and are now moved to head three thus permitting their admixture with other ingredients in that section without attracting tax. Eleven other entries are extensions of previous entries as for example *L*-thyroxine sodium (thyroxine was already exempt). Another illustration of the anomalies which constantly arise in the working of purchase tax is seen in cortisone and analogous steroid hormones which have been exempt tax whereas if the cortisone was mixed with buffers such as aluminium hydroxide or magnesium trisilicate those preparations were taxed. That irregularity and others are now put right so that Peter (otherwise the National Health Service) does not have to pay Paul (the Treasury) purchase tax on some thirty items which it has had to pay over the past nine months. Losing (as usual) by the changes is the retail pharmacist who now has stocks of preparations on hand and will not be able to obtain any rebate on the tax he has paid.

In the past we have mentioned, and we again reiterate, that Purchase Tax Orders should be made at more frequent intervals so that the period of paying tax on essential drugs that are eventually being freed, is kept to a minimum. There seems no reason why such announcements should not be made with the regularity of Key Industry Duty notices are made. Nine months' interval (the last order appeared in June 1956) is unnecessarily long.

A Second Refresher

WITH the addition of a new chapter on ion exchange, and a section on milliequivalents, and after a thorough overhaul of the remainder, the *C. & D.* Refresher Course for Pharmacists has been reissued. First printed as a series of articles in *THE CHEMIST AND DRUGGIST*, the Course met a wide demand from pharmacists whose academic studies were undertaken way back in years before 1951-52. It dealt with the many changes and advances that have taken place in recent years—methods of preparing sterile materials; new types of ointment

bases, and emulsifying agents; the antibiotics; the antihistamines; and so on. Its great value for those who are inclined to feel a little modest about their claims to be considered knowledgeable on those and similar modern developments is that it is simply written and presented and does not presuppose an acquaintance with pharmaceutical knowledge more recent than, say, ten or fifteen years back. In its new enlarged form, with blue linsen instead of the previous paper cover, this 82-page booklet is extremely good value at its price of 7s. 6d. (postage threepence). It deserves the attention alike of those older pharmacists who are keen to bring themselves up to date and of those younger ones who may be no less anxious to ensure that the knowledge they have acquired does not slip away from them in the rough-and-tumble of earning a living.

Overseas Trade in March

EXPORTS of drugs, medicines and medicinal preparations from the United Kingdom during March at nearly £3.6 millions set a new record for any month and brought the total value for the first quarter of the year to £9.8 millions against £9.1 millions in the same quarter of both 1955 and 1956. The March total was particularly noteworthy in that it was obtained despite lower exports to the two chief markets, Australia and

EXPORTS		VALUE
Drugs, medicines, medicinal preparations (total)	£	3,587,707
Vitamins	...	244,367
Penicillin salts	...	139,522
Penicillin injections	...	67,763
Penicillin tablets, ointments, etc.	...	46,400
Antibiotics other than penicillin	...	569,831
Quinine	...	9,765
Alkaloids, excluding quinine	...	116,321
Aspirin	...	89,469
Antihistamines	...	41,967
Antipaludics	...	69,474
Barbiturates	...	61,869
Liver extracts	...	22,794
Ointments and liniments	...	142,406
Insulin	...	35,480
Sulphonamides	...	108,614
Proprietary medicines	...	1,056,464
Glycerin	...	85,561
Acetone	...	57,255
Citric acid	...	55,237
Salicylates	...	25,535
Perfumery and toilet preparations
Lipstick, face powder, etc.	...	373,640
Dentifrices	...	206,807
Toilet soaps	...	278,404
Synthetic detergents	...	673,269
IMPORTS		VALUE
Vitamins	...	67,253
Antibiotics	...	89,792
Alkaloids	...	46,774
Proprietary medicines	...	27,128
Unclassified medicines	...	376,451
Borax	...	76,930
Iodine	...	39,968
Menthol	...	29,753
Essential oils
Bergamot	...	12,811
Citronella	...	22,817
Clove	...	4,274
Geranium	...	19,042
Lavender	...	18,217
Lemon	...	86,420
Orange	...	17,150
Peppermint	...	77,050
Unclassified	...	171,487

India. For the first time in any month proprietary medicines shipped overseas were valued at over £1 million while the antibiotics, excluding penicillin, were valued at over £1½ million. Export and import values of those items for which statistics are available are given in the accompanying table. Among items moving at a higher rate than of late were ointments and liniments, sulphonamides and barbiturates.

Imports of prepared medicines were considerably lower in March totalling just over £600,000 against over £900,000 in recent months. Whilst the shortage of ipecacuanha root is frequently mentioned in our Trade

Report section it is interesting to note that the value imported during March was £31,660 against £2,469 in March 1956. Menthol also showed a considerable rise at £29,753 against £5,582 imported during March 1956.

United Kingdom total exports maintained the recovery shown in February, reaching a new high level of £297 millions. Imports also rose in March to £362 millions, their highest level since March 1955 apart from the exceptional month of January this year. Re-exports rose to £16½ millions and thus the visible trade deficit for the month was £48½ millions which was close on the monthly average for the year 1956.

Onward from Galen

A CURRENT CAUSERIE

FACE creams are functional in character and are advertised to the public in an ethical manner. That is the conclusion drawn by Dr. J. Ebling in the *New Scientist* dated April 25, in which he poses the question "are skin creams of any use?" The physiology of skin is discussed and the need to replace natural secretions of the sebaceous glands traced to the civilised habit of constant washing. As most creams are emulsions containing water they add moisture as well and what better substance could be used, he asks, than lanolin, the natural sebum of sheep and a constituent of many preparations. Hormone creams he puts in a different category with the hypothesis that oestrogens prevent changes associated with the ageing of skin by promoting the utilisation of sugars and hence rate of proliferation of epidermal cells. Increased rate of keratinisation and water retention thus promote a firm skin texture. Of the creams containing vitamins, amino-acids, sugars and their derivatives he is less enthusiastic. "I think one should remain sceptical of those so-called nutrient creams," he writes. "No satisfactory evidence has been published that they are beneficial in practice."



HAVE you an accident book? That was the question put to twelve employers recently at a London conference. Seven said, simply, No; four had never heard of such a thing; and one said he had a book but was not sure where he could lay his hands on it. Yet an accident book is legally required and must be kept readily accessible on (a) all premises coming under any of the provisions of the Factories Act and (b) any premises where ten or more persons are normally employed at the same time. Its function is to help injured employees to give formal notice of their accident. That is important if a claim is made at the time or later for industrial injury benefit. The cut finger of today may become the septic hand of tomorrow. If an accident book is not available to record the details at the time of the accident a later claim may be delayed or impossible. The book must be kept "readily accessible" and that is taken to mean readily accessible to anyone who wants to write in it, not locked up in a safe. A book properly used can help an employer to trace the cause of frequent absences from work, damaged fingers and other mishaps that reduce the efficiency of his staff. If a certain employee is constantly hurting himself in a certain way then there are many reasons why an investigation should be made. If the employer is unable to reconcile the notice with the facts as found by him he must record the circumstances so found. The idea is to ensure that the facts are confirmed by a responsible person while they are still fresh in the minds of witnesses. Any inquiries arising from a claim for benefit can then be answered readily. The employee must, of course, make the claim. But the employer has the duty of providing any information called for by the insurance office about the accident and the nature and circumstances of employment of anyone stated to be suffering from an industrial disease.

The accident book (Form B.1.510) is obtainable from H.M. Stationery Office or through local booksellers.



WHY should the shopkeeper, already paying high rates, be forced to pay to have his rubbish removed? Generally speaking, all rubbish from business premises is classed as a trade refuse. That includes waste of all kinds, including building materials. In the case of a house and shop combined, separate bins are normally used or the council, by agreement, assesses the trade refuse as so much a waste and charges accordingly. It is noteworthy that in considering whether rubbish must be classed as "house refuse" or "trade refuse" regard must be paid to its physical character and nature and not to "the process of circumstances by which it is accumulated." The law says that councils must make a reasonable charge and most authorities normally charge what they think it costs them to collect the refuse. That varies from district to district, but is rarely less than tenpence a bin. Should traders be required to pay for this service? There is no "official" view on this point for the local authority associations are reluctant to comment on matters of this type unless they themselves are making proposals for a change in law. There is a feeling, however, that the present-day system of charging traders for services of this type should be scrapped. Many treasurers and public cleansing officials regard the procedure as out-of-date and there are others who would support a plan to bring the system to an end.

FOR FLASH OR FOR BANG?



"I want a film with twelve explosions."

MEDICAL ABSTRACTS

AMPHETAMINE POISONING

THREE examples of acute amphetamine poisoning are reported by Greenwood and Peachey (*British Medical Journal*, 1957, 1, 742). Two patients took the drug orally and one by inhalation. One patient became poisoned by chewing the contents of one-and-a-half amphetamine inhalers. One case developed an acute psychosis, a common feature, note the authors, of severe amphetamine intoxication, which requires heavy barbiturate sedation both for prophylaxis and for treatment. All three patients showed an increased tolerance to hypnotic drugs. The first patient slept for only eight hours after injections of gr. 3 (0.2 gm.) of sodium phenobarbitone, 20 mils of paraldehyde, and gr. $\frac{1}{2}$ (0.01 gm.) of morphine within five-and-a-half hours. The second and third patients were wide awake after receiving a total of gr. 12 (0.78 gm.) of sodium phenobarbitone by injection during the previous twelve hours.

ANTISEPTIC TREATMENT FOR BURNS

THE use of an antiseptic method for the local treatment of burns and scalds has given excellent results over a period of fourteen months in the the "burns unit" of the Royal Hospital for Sick Children, Glasgow (*Lancet*, 1957, 1, 862). Grant and Findlay state that though antiseptic methods have been criticised on the grounds that antiseptics, like

infection, can destroy the surviving epithelium or inhibit its growth they are satisfied that chlorhexidine deals effectively with bacteria without damage to the surviving epithelium or appreciable delay in healing. A 0.5 per cent. aqueous solution of chlorhexidine, made by dilution of 2 per cent. Hibitane concentrate (Imperial Chemical Industries, Ltd., pharmaceuticals division) was used in the treatment of 108 patients, only two of whom developed clinical evidence of infection. Of ninety-two patients treated by a variety of methods in the previous twelve months, ten had become infected. On admission to the burns unit, the walls, floors and furniture of which are damp dusted twice daily with 1:20 carbolic acid solution, the area of the burn is cleansed with 1 per cent. cetrimide, rinsed with normal saline and covered with gauze soaked in 0.5 per cent. chlorhexidine solution. When dressing the burns the nurse wears rubber gloves and before attending to the next patient she washes the gloved hands with soap and water, rinses in 1 per cent. Dettol solution, in sterile water, dries and finally applies 1 per cent. chlorhexidine cream to the gloved hands. The gauze dressings are re-soaked with chlorhexidine solution twice daily and twice a week are removed to allow inspection of the lesion and removal of separating sloughs. The areas are not left exposed until epithelial cover is complete.

Correspondence

Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.

Critic Challenged

SIR,—May I ask Critic (C. & D., April 20, p. 436) what he really means by purely "phoney" research in the field of medicine, and to convince your readers that such really does exist by producing just a few good examples of what he has in mind which, to use his own words, would account for an expenditure of many millions of pounds, dollars and marks?

London, S.E.5 I. GELLMAN

Recommended to Electors

SIR,—May we recommend to all members of the Society the name of Mr. William Cooper for re-election to the Council? As a result of many years' experience in practically every branch of the profession, Mr. Cooper is well equipped and has the undoubted ability to serve us well. We in the Bristol and District Branch have every confidence that, if re-elected, Mr. Cooper's wide experience in retail, the Forces, teaching and the manufacturing fields will prove of great value to the Council.

KENNETH J. ADAMS, *Chairman*
E. J. LLOYD, *Secretary*

Bristol

SIR,—The committee and members of the Southampton and District Branch of the Pharmaceutical Society wish to ask for the support of all pharmacists for the candidature of Mr. J. M. Dowty for re-election to the Council of the Society. Mr. Dowty has devoted his energies for nearly fifty years to the service of pharmacy and the betterment of the pharmacist's conditions of employment and service. He has been a member of and has held office in many committees both within and outside the National Health Service. He is chairman of the Southampton Executive Council and

he has been a member of the Society's Council for six years. For the past three years his chairmanship of the Law Committee has reflected the confidence the Council have in him, and we do earnestly ask for every member's support for him in this election.

FRED MURLEY, *Secretary*
Southampton

SIR,—On behalf of the members of Exeter and District Branch of the Pharmaceutical Society we express their support of the candidature of Mr. H.

Jarvis Graves for membership of the Society's Council. Mr. Graves is a proprietor pharmacist. In public and pharmaceutical affairs his experience in local government affairs at district and county level would give him a knowledgeable conviction of where the pharmacist fits in the "welfare state." In addition, his good work as secretary of the Pharmaceutical Committee for Devon and Exeter, he has kept in close touch with the everyday problems of the retail pharmacist in the National Health Service. His presence on the Council would ensure a very adequate representation of the views of the retail pharmacist in this latter connection. We would especially ask the west country pharmacists to make a concerted effort to give Mr. Graves their exclusive support, particularly the many who have had his help and advice in the past. If elected we feel that his exceptional abilities would be a great asset to the deliberations of the Council and the Society.

H. W. H. PAYNE, *Chairman*
J. H. WARD, *Secretary*

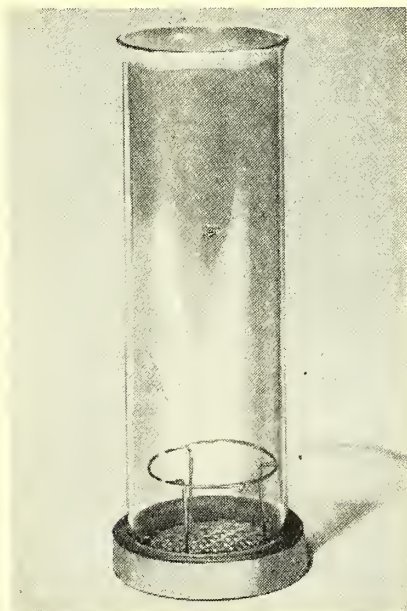
Exeter

SIR,—The members of the Torquay and District Branch of the Pharmaceutical Society wish to associate themselves with the Exeter Branch in recommending to all members the candidature of Mr. Jarvis Graves in the Council election. We of the southwest are fully aware of the administrative ability and sterling qualities of Mr. Graves who has always been the champion of the practising pharmacist in this area. His experience of pharmaceutical affairs is considerable and we confidently recommend his election.

A. BAKER, *Chairman*
S. WIGGLESWORTH, *Secretary*

Paignton

PROBLEM PICTURE



What is it, and what is it for? Answer next week.

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

Monthly meeting of Council

THE president (Mr. C. A. Quinn) was in the chair at the monthly meeting of the Council of the Pharmaceutical Society of Northern Ireland held in Belfast on April 18. Also present were Messrs. Walter C. Tate (vice-president) and G. E. McIlhagger (treasurer), Dr. R. G. R. Bacon, and Messrs. A. Templeton, R. M. Watson, W. S. Hall, C. E. Moss, H. F. Moore, S. E. Campbell, J. Kerr, W. P. Ewart, W. H. Boyd, J. Caldwell, R. Gibson, H. W. Gamble, and W. Gorman (secretary). Apologies for absence were received from Professor E. B. C. Mayrs and Messrs. F. R. Moore, J. McGregor, W. J. Thornton and H. G. Campbell.

New Member Welcomed

The minutes of the March meeting were adopted on the motion of Mr. Ewart, seconded by Mr. Caldwell. The President, in his opening remarks, welcomed Mr. Watson on attending his first meeting and congratulated him on his co-option to the Council as the registered druggists' representative in succession to the late Mr. James Irwin. Mr. Watson replied and expressed his thanks to the president and Council for their welcome. Mrs. Irwin wrote thanking the Council for its sympathy on the death of her husband.

The Ministry of Home Affairs informed the Council that the following persons were authorised to sign supply orders for Dangerous Drugs for use by midwives: *Belfast*: Drs. H. A. Warnock and K. M. Cathcart; *Misses* M. F. J. Baird and E. F. Magill; *Londonderry Borough*: Drs. W. R. Abernethy and R. M. Burns; *Antrim County*: Drs. W. Bamber, E. E. Perry, A. J. Watt, E. C. Torrie, W. Castles, J. H. MacLoughlin, W. M. Burns, E. I. Mulholland, J. G. McKenny, A. I. McKenna, G. Hill and G. G. Seymour; *Misses* G. Massey and E. Johnston; *Armagh County*: Drs. J. C. Paisley and R. I. G. Reid; *Down County*: Drs. J. B. McKinney, J. Taylor, R. L. Roxburgh, J. Scott, S. Hayes, J. Mark, E. P. McGrath, B. L. MacQuillan, C. Moss, G. T. N. Lawson, E. Hawkins, G. McClafferty and M. Millar; *Fermanagh County*: Drs. B. O. Moore, A. W. Dickson and W. J. Patterson; *Londonderry County*: Drs. J. H. Kitson, J. H. Brewster, W. R. Johnston and G. P. Marshall; *Miss* A. Bruce; *Tyrone County*: Drs. R. F. McKeown and J. C. Watson.

Mr. Gamble said that the list put an onus on pharmacists to know whether the person signing an Order had the power to issue it. He asked if it was the case that every time he received an official order he was to consult the list to ascertain if the person had authority to sign it. He thought the onus should be placed on the authority to ensure that the person who signed it had the necessary authority. Mr. Campbell thought that the Council should ask the Ministry to clarify the whole matter. Mr. Gamble said that one of the persons named on the list might leave his post tomorrow and if his successor signed an order and it was supplied by the chemist, the chemist might find that he had broken a law. The Council agreed to the suggestion to seek clarification of the points from the Ministry.

In a letter to the Council, a firm of manufacturers stated that it had been in communication with the Ulster Chemists' Association and had informed the Association that supplies of veterinary Terramycin were now available from wholesalers in Northern Ireland. Mr. Gorman reported that as instructed at the previous meeting of the Council he had been in touch with Cambrian Airways on the possibility of chartering an aircraft for members returning from the Bristol Conference. The company had stated that because of schedule service commitments they were unable to assist the Society. The Council agreed to drop the

suggestion of returning by air. The Ministry of Home Affairs, in a letter to the Council, approved of the Board of Examiners appointed by the Council for the 1957 examinations.

An application was received from Mr. Bernard Brannigan, Cavendish Square, Belfast, for the restoration of his name to the Register. The application was approved.

Presenting the report of a meeting of the Law Committee held on April 11, Mr. McIlhagger (chairman) stated that the work of drafting new by-laws was continued and the remainder of the Society's general regulations considered. Certain by-laws dealing with matters not covered by the regulations were framed and it was hoped shortly to submit to the Council for their consideration, copies of the draft by-laws *in toto*. The report was adopted on the motion of Mr. McIlhagger, seconded by Mr. Campbell.

Non-observance of Professional Conduct

Mr. Moss, submitting the report of the Ethical Committee of April 15, said that the non-observance of the Statement Upon Matters of Professional Conduct by members of the Society was discussed and it was agreed to recommend that the secretary should be instructed to write to each member pointing out that a copy of the Statement had been sent out to members more than a year ago; that complaints of its non-observance had been received and that in future action would be taken against a member of the body corporate who failed to observe the standard of conduct laid down; a copy of the Statement to be sent to each member with the letter, the latter to draw the particular attention of members to Clauses 3, 7, 8 and 9 of the Statement, which dealt with such matters as "prescription accurately dispensed," etc. Mr. Campbell said there were probably many chemists who had a large stock of labels incorporating the term "accurately dispensed." Mr. Moss said it had been suggested that where labels had already been printed such matters could be cut off. The report was adopted on the motion of Mr. Moss, seconded by Mr. Gamble.

The report of the Finance Committee was adopted on the motion of Mr. Caldwell, seconded by Mr. Templeton. On the motion of Mr. Campbell, seconded by Mr. H. F. Moore, it was agreed to affix the seal of the Society to the certificate of qualification of Miss Anne F. Troy.

The secretary reported that it had been announced in the *Belfast Gazette* that the Minister of Home Affairs had made regulations empowering members of the Royal Ulster Constabulary who were in charge of police stations and any other person in the Force approved by the Inspector General to be in possession of morphine in ampoules for administration in cases of emergency.

Mr. Kerr suggested that the Education Committee should consider the question of post-graduate courses. He felt that something should be done along those lines in the near future as they were going to introduce pharmacology to the syllabus. He felt that such a course would be of great benefit to many of the older pharmacists. He thought that the courses could be arranged in the evening with the co-operation of the College of Technology. Mr. Haggan (chairman of the Committee) said that Mr. Kerr had mentioned the suggestion to him earlier and he agreed to take the matter up and raise it at the next meeting of the Committee. Mr. Gamble suggested that before the Committee discussed the matter an approach might be made to the General Health Services Board who might be willing to co-operate in the organisation of the classes and he thought that that might be achieved through the Local Pharmaceutical Committee. Mr. Gamble's suggestion was agreed.

FIGURES IN THE PHARMACEUTICAL WORLD

SINCE facilities for pharmaceutical education were first organised in Northern Ireland every student has received his training—or some of it—at the hands of Mr. C. W. Young, F.P.S., the period that is involved is twenty-eight years (roughly since the Pharmaceutical Society in Northern Ireland was established at the separation of the six counties from the rest of Ireland) and during that time 1,179 have gained their qualification in Belfast.

The sort of start in life they have had, and the standards of professional proficiency they have acquired, are of order than local significance. For in Northern Ireland there has never been enough pharmaceutical employment for those who qualify. A percentage, perhaps as high as 20 per cent., are effect trained for export — to the Rhodesias (where there is a "colony" of twenty Northern Ireland pharmacists); to other parts of the Commonwealth; and to Britain under reciprocity. To gain an impression of the quality of the trainees one might do worse than mingle with one of the parties which Mr. Young brings over to London at each Easter vacation. They are a growing band. This year there were twenty-three, and it was easy to see that they were on terms of affection and admiration for their leader.

Mr. Young has indeed the facility invaluable in a teacher—of arousing in his students an enthusiasm for pharmacy, its ideals and its possibilities that is a prerequisite to a sense of professional responsibility throughout life. He has, too, outside interests in music, art and the drama which can hardly fail, if they enter into it, to widen the students' cultural background. A bachelor, his other special enthusiasm—psychic research—is more personal: he is the chairman of the Belfast Psychical Society.

From the start his intentions were ways to make his career in the academic field. What he would have liked was to qualify in medicine, but chances were fewer in those days and the opportunities were not forthcoming. Almost intuitively he entered pharmacy, applying for a vacancy that was advertised. Accepted, he had a four-year apprenticeship at the pharmacy of A. J. Clark, Church Hill, Edinburgh, a "high-class suburban" business with plenty of dispensing. He stayed on for ten years as unqualified assistant, using his evenings for pharmaceutical study, before going at twenty-one as a student to the Heriot-Watt College.

After qualifying he went straight to teaching, but in England, lecturing in Plymouth in pharmacy, pharmaceutical chemistry and pharmacognosy. It was two years at Plymouth when an opportunity opened for him at Belfast that was to become his life's work. In Belfast the teaching of pharmacy the diploma comes within the chemistry and pharmacy department of the Belfast College of Technology, an institution conducted by the City Corporation. A degree (B.Sc. in pharmaceutical science) is awarded by the Queen's Univer-



49. Mr. C. W. YOUNG

sity of Belfast, but even for that the pharmaceutical studies are taken extraordinarily at the College, at which Mr. Young is senior lecturer. Coming into the College to fill a new appointment, Mr. Young was able to plan his own curriculum, within the limits, of course, of the requirements of the Pharmaceutical Society of Northern Ireland. Between the College and the Society there is no formal link, but, by good fortune, the ideas of Mr. Young have accorded well with the policies of the Council. In Northern Ireland the tendency has been to hold on to a pre-graduate apprenticeship of two years, in which arrangement Mr. Young would, given a free hand, require the apprentice to engage in some form of part-time studies. The current syllabus, adopted two years ago, provides for a full-time course for Part I and a two-year full-time course for Part II. The pharmacists Northern Ireland produces are therefore of that practical, versatile kind one has come to associate with the best Scottish tradi-

tion, able to tackle new problems with the confidence that comes from acquiring manipulative skills side by side with theoretical principles.

While Northern Ireland no doubt regrets losing a fifth of her pharmacists to emigration, it seems likely that, as degree students increase and diploma places lessen in the schools of pharmacy in Great Britain, they may be sure of even eager acceptance by proprietors here who seek pharmacists with an acquaintance with, and liking for, shop life. So long as they base their ideals on those of their mentor, Mr. Young, the traditions of pharmacy in the United Kingdom will be in good hands. As a teacher Mr. Young aims to promote in his students the "development of self" and would consider his work to have failed if they acquired knowledge without arriving at a fuller personality and character in the process. Those who have met some of the "products" of his endeavours would say he was highly successful.

GUIDE TO NEW MEDICAMENTS

Information about proprietary products supplied principally on prescription. Reprints on perforated gummed paper for affixing to index cards are obtainable from the Editor.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (May 4, 1957)

MATROMYCIN*

MANUFACTURER: Pfizer, Ltd., 137 Sandgate Road, Folkestone, Kent.

DESCRIPTION: Capsules, each containing 250 mgm. of oleandomycin as the crystalline phosphate.

INDICATIONS: Principally infections caused by staphylococci, streptococci, pneumococci and *Haemophilus influenzae*.

DOSAGE: Should be adjusted according to the type and severity of the infection. The recommended average daily dose for adults is 1-2 gm. and for children approximately 15 mgm. per lb. body weight. Total daily dosage for both children and adults should be divided into four equal doses and given at intervals of six hours. Matromycin should be administered with cold milk or a light meal.

HOW SUPPLIED: In bottles of twelve and 100.

FIRST ISSUED: February 11, 1957.

NOTES: Matromycin possesses striking freedom from cross resistance with most other antibiotics in current clinical use. The development of resistance to Matromycin is a slow process, which is slowed still more by combination with penicillin or the tetracyclines. When combined with those antibiotics, there is a marked synergism of antimicrobial effects.

*Cross reference for card index:

OLEANDOMYCIN: See Matromycin and Romicil.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (May 4, 1957)

DELTALGYCORTRIL*

MANUFACTURER: Pfizer, Ltd., 137 Sandgate Road, Folkestone, Kent.

DESCRIPTION: Tablets, each containing 0.5 mgm. prednisolone and 330 mgm. (gr. 5) aspirin.

INDICATIONS: Acute, subacute or chronic rheumatic conditions where glucocorticoids or salicylates have proved effective in larger doses. Those include mild rheumatoid arthritis, osteoarthritis, acute self-limiting attacks of early gout, and connective tissue inflammation involving the muscles, nerves and joints.

CONTRA-INDICATIONS: Patients with peptic ulcer.

DOSAGE: SUGGESTED: Initially, 6-8 tablets daily. That dosage should be increased until a symptomatic response is noted and then gradually decreased until a maintenance level of 1 tablet three or four times daily is reached.

HOW SUPPLIED: In bottle of 100.

FIRST ISSUED: February 1, 1957.

NOTES: Care should be taken when the drug is used in patients with severe hypertension, diabetes, renal insufficiency or cardiac decompensation. In the presence of infection, adequate anti-infective measures must also be instituted.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (May 4, 1957)

FEMERITAL

MANUFACTURER: M.C.P. Pure Drugs, Ltd., 86 Strand, London, W.C.2.

DESCRIPTION: Tablets, each containing dibutamide (α -dibutyl-amino- α -(*p*-methoxyphenyl)-acetamide), 100 mgm.; salicylamide, 125 mgm.; phenacetin, 125 mgm.; caffeine, 25 mgm.

INDICATIONS: Treatment of primary dysmenorrhœa.

DOSAGE: 2 tablets twice or three times daily. Therapy should be started two days before the pain is expected or as soon as it appears whichever is practicable, and continued until the day after the pain would normally have ceased.

HOW SUPPLIED: In packs of thirty (five units of six) and 504 (eighty-four units of six) tablets.

FIRST ISSUED: February 1, 1957.

REFERENCES: Carpentier and Janssen, *Lancet*, 1955, 269, 122. de Jongh and Janssen, *Acta physiol. pharmacol. neerl.*, 1954, 3, 331. Janssen, J., *Amer. chem. Soc.*, 1954, 76, 6192.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (May 4, 1957)

TYZANOL paediatric nasal drops

MANUFACTURER: Pfizer, Ltd., 137 Sandgate Road, Folkestone, Kent.

DESCRIPTION: Each mil of buffered saline contains 0.5 mgr of tetrahydrozoline hydrochloride with thiomersalate as preservative.

INDICATIONS: As a topical application for nasal decongestion in infants under two years old and young children between the ages of two and six.

DOSAGE: *Infants up to two years*, 1 drop in each nostril no more often than once every four to six hours; *children two to six years*, 1-2 drops in each nostril up to three times a day.

HOW SUPPLIED: In 15-mil bottle with a calibrated dropper.

FIRST ISSUED: February 4, 1957.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (May 4, 1957)

CO-HYDELTRA*

MANUFACTURER: Merck Sharp & Dohme, Ltd., Hoddesdon, Hert

DESCRIPTION: Prednisolone, buffered to counteract the hyp acidity that may be expected in patients receiving intensive adrenocortical steroid therapy. Each multiple compressed tablet contains in a central core, prednisolone 5 mgm.; and in an outer layer, magnesium trisilicate, 50 mgm., and dried aluminium hydroxide gel, 0.3 gm.

INDICATIONS: All conditions for which prednisolone is indicated.

DOSAGE: INITIAL: 4-6 tablets daily in divided doses; MAINTENANCE: 1-4 tablets daily in divided doses.

HOW SUPPLIED: In bottles of thirty, 100 and 500.

FIRST ISSUED: February 1957.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (May 4, 1957)

CO-DELTRA*

MANUFACTURER: Merck Sharp & Dohme, Ltd., Hoddesdon, Hert

DESCRIPTION: Prednisone, buffered to counteract the hyp acidity that may be expected in patients receiving intensive adrenocortical steroid therapy. Each multiple compressed tablet contains in a central core, prednisone, 5 mgm.; and in an outer layer, magnesium trisilicate, 50 mgm., and dried aluminium hydroxide gel, 0.3 gm.

INDICATIONS: All conditions for which prednisone is indicated.

DOSAGE: INITIAL: 4-6 tablets daily in divided doses; MAINTENANCE: 1-4 tablets daily in divided doses.

HOW SUPPLIED: In bottles of thirty, 100 and 500.

FIRST ISSUED: February 1957.

*New cross reference for card index:

PREDNISOLONE: See Codelcortone, Co-Hydeltra, Condeltacortril, Deltalgycortril, Delta-Stab, Di-Adresan-F, and Hydrodeltalone.

*New cross reference for card index:

PREDNISONE: See Coactyl, Co-Deltra, Deltacortone, Deltalone and Di-Adreson.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (May 4, 1957)

SYNTOCINON

MANUFACTURER: Sandoz Products, Ltd., 134 Wigmore Street, London, W.1.

DESCRIPTION: Synthetic oxytocic principle of the pituitary posterior lobe. Brand of injection oxytocin, B.P.

INDICATIONS: Post maturity hypotensive uterine inertia.

DOSAGE: As for injection of oxytocin, B.P.

HOW SUPPLIED: In boxes of six, fifty and 100 0.5-mil ampoules containing 5 units; and in boxes of six and thirty 2 ampoules containing 2 units. FIRST ISSUED: February 1957.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (May 4, 1957)

COACTYL*

MANUFACTURER: Ward, Cassenne, Ltd., 116 Victoria Street, London, S.W.1.

DESCRIPTION: A buffered complex of prednisone and aspirin. Each tablet contains: Aspirin, 300 mgm.; prednisone, 0.5 mgm.; aluminium hydroxide, 160 mgm.; and magnesium trisilicate, 30 mgm.

INDICATIONS: *Rheumatoid Conditions*: Fibrositis, synovitis, tenosynovitis, myositis, bursitis, lumbago, juxta-articular rheumatism, osteo-arthritis, rheumatoid arthritis, *Non-rheumatic diseases*: Mild bronchial asthma, respiratory allergies, nasal allergies, digestive allergies, drug hypersensitivities, mild cutaneous allergies. *As a maintenance therapy* in severe cases of rheumatism or allergy, after stabilisation by corticoids in normal therapeutic doses.DOSAGE: *Normal*: 1-2 tablets four times daily. *Maximum*: 3 tablets four times daily.

HOW SUPPLIED: In bottle of fifty.

FIRST ISSUED: February 1957.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (May 4, 1957)

HYDRODELTALONE tablets

MANUFACTURER: Ward, Cassenne, Ltd., 116 Victoria Street, London, S.W.1.

DESCRIPTION: Tablets, each containing 1 mgm. or 5 mgm. prednisolone.

INDICATIONS: As for cortisone and hydrocortisone.

DOSAGE: INITIAL: 2-4 5-mgm. tablets twice daily for two to seven days; subsequently the dosage should be reduced by 2.5 mgm. every two or three days until a suitable maintenance dosage (e.g., 2.5-10 mgm. twice daily) is achieved. A further reduction in the dosage should be made as the case permits. The correct dose for any individual should be determined by close clinical study by the doctor.

HOW SUPPLIED: In bottle of thirty.

FIRST ISSUED: February 1957.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (May 4, 1957)

DELTALONE

MANUFACTURER: Ward, Cassenne, Ltd., 116 Victoria Street, London, S.W.1.

DESCRIPTION: Prednisone, buffered. Each tablet contains prednisone, 5 mgm. or 1 mgm.; aluminium hydroxide, 250 mgm. and magnesium trisilicate, 50 mgm.

INDICATIONS: All conditions for which prednisone is indicated.

DOSAGE: INITIAL: 10-20 mgm. Deltalone twice daily for two to seven days; subsequently the dosage should be reduced by 2.5 mgm. every two or three days until a suitable maintenance dosage (e.g., 2.5-10 mgm. twice daily) is achieved. A further reduction in the dosage should be made as the case permits.

HOW SUPPLIED: In bottle of thirty.

FIRST ISSUED: February 4, 1957.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (May 4, 1957)

HYDRODELTALONE intra-synovial injection

MANUFACTURER: Ward, Cassenne, Ltd., 116 Victoria Street, London, S.W.1.

DESCRIPTION: A saline suspension containing 25 mgm. of prednisolone acetate per mil.

INDICATIONS: Acute non-infective inflammations of the joints; hydrarthroses; chronic polyarthritis; joint stiffness; peri-articular disorders: Scapulo-humeral peri-arthritis, bursitis, tendinitis, tenosynovitis.

DOSAGE: Knees, hips, shoulders: 1-2 mls per injection. Elbows, wrists: 0.5-1 ml per injection. Finger joints: 0.2 ml per injection. Frequency of injections depends on results obtained.

HOW SUPPLIED: In vial of 5 mls.

FIRST ISSUED: February 1957.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (May 4, 1957)

HYDELTRACIN topical lotion

MANUFACTURER: Merck Sharp & Dohme, Ltd., Hoddesdon, Herts.

DESCRIPTION: A lotion containing prednisolone 0.5 per cent.; neomycin sulphate, 0.5 per cent., aqueous vehicle, 15 mls.

INDICATIONS: Allergic or inflammatory disease of the skin, especially if complicated by infection.

USE: To be applied twice or thrice daily.

HOW SUPPLIED: In 15-ml plastic squeeze-bottle.

FIRST ISSUED: January 1, 1957.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (May 4, 1957)

HYDRODELTALONE eye ointment

MANUFACTURER: Ward, Cassenne, Ltd., 116 Victoria Street, London, S.W.1.

DESCRIPTION: An eye ointment, containing 2.5 mgm. of prednisolone acetate per gm.

INDICATIONS: Acute and subacute conjunctivitis, blepharitis, eczema of the eyelids, keratitis.

USE: Apply a thin layer to the margin of the eyelids once or twice a day, and at night before going to bed.

HOW SUPPLIED: In tube of 3 gm.

FIRST ISSUED: February 1957.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (May 4, 1957)

HYDRODELTALONE skin ointment

MANUFACTURER: Ward, Cassenne, Ltd., 116 Victoria Street, London, S.W.1.

DESCRIPTION: An ointment, containing 0.5 per cent. prednisolone and 0.5 per cent. neomycin sulphate.

INDICATIONS: Allergic dermatoses, contact dermatoses (from domestic or industrial causes, etc.), atopic dermatoses (allergic eczema), seborrhoeic dermatitis, anal and vulvar pruritus.

USE: Apply a small quantity of cream to the affected parts one to three times a day. As soon as improvement is observed reduce to one application per day.

HOW SUPPLIED: In tubes of 5 or 15 gm.

FIRST ISSUED: February 1957.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (May 4, 1957)

HYDRODELTALONE eye drops

MANUFACTURER: Ward, Cassenne, Ltd., 116 Victoria Street, London, S.W.1.

DESCRIPTION: Eye drops, containing 2.5 mgm. per mil of prednisolone acetate suspended in saline solution.

INDICATIONS: Acute and subacute conjunctivitis, blepharitis, eczema of the eyelids, keratitis.

USE: 1-2 drops of the solution should be placed in the conjunctival sac every hour or two in acute cases, every four hours or more in subacute cases or once improvement has begun. The duration of treatment varies from a few days to several weeks.

HOW SUPPLIED: In 3-ml dropper bottle.

FIRST ISSUED: February 1957.

THE CHEMIST AND DRUGGIST Guide to New Medicaments (May 4, 1957)

TERPACOL

MANUFACTURER: Brook, Parker & Co., Ltd., P.O. Box. No. 353, Ashfield, Horton Road, Bradford, 7.

DESCRIPTION: A cough elixir containing gr. 2/5 codeine phosphate and gr. 1/5 terpin hydrate in each two teaspoonfuls. Also contains eucalyptol and menthol.

INDICATIONS: Dry, persistent cough.

DOSAGE: *Adults*, 1-2 teaspoonfuls; *children*, 1/2-1 teaspoonful as directed.

HOW SUPPLIED: In 16-fl. oz. and 80-fl. oz. bottles.

FIRST ISSUED: January 1957.

NEW DANGEROUS DRUGS SCHEDULE

THE following is the new Third Schedule to the Dangerous Drugs Regulations 1953 (see p. 477).

THIRD SCHEDULE

DRUGS TO WHICH PART II OF THE DANGEROUS DRUGS REGULATIONS, 1953, APPLIES AND CLASSES OF DRUGS FOR THE PURPOSES OF THE REGISTER REQUIRED TO BE KEPT UNDER REGULATION 17.

1. Subject as provided in paragraph 2 of this Schedule, the drugs to which Part II of the Regulations applies are as follows:—

- (1) Medicinal opium;
- (2) Any extract or tincture of cannabis (Indian hemp) and any preparation, not being a preparation capable of external use only, made from extract or tincture of cannabis;
- (3) Morphine and its salts, and any solution or dilution of morphine or its salts in an inert substance whether liquid or solid containing any proportion of morphine, and any preparation, admixture, extract or other substance (not being such a solution or dilution as aforesaid) containing not less than one-fifth of one per cent. of morphine (calculated in respect of anhydrous morphine);
- (4) Cocaine (including synthetic cocaine) and ecgonine and their respective salts, and any solution or dilution of cocaine or its salts in an inert substance, whether liquid or solid, containing any proportion of cocaine, and any preparation, admixture, extract or other substance (not being such a solution or dilution as aforesaid) containing not less than one-tenth of one per cent. of cocaine or any proportion of ecgonine;
- (5) Acetyldihydrocodeine;
- (6) Acetyldihydrocodeinone;
- (7) Alphameprodine;
- (8) Alphaprodine;
- (9) Benzylmorphine;
- (10) Betameprodine;
- (11) Betaprodine;
- (12) Diacetylmorphine (also known as diamorphine or heroin);
- (13) Diethylthiambutene;
- (14) Dihydrodesoxymorphine (also known as desomorphine);
- (15) Dihydromorphine;
- (16) 1:3 - Dimethyl - 4 - phenyl - 4 - propionyl-oxyhexamethyleneimine;
- (17) Dimethylthiambutene (3 - dimethylamino-1:1-di-(2-thienyl)-1-butene);
- (18) Dioxaphetyl butyrate (4-morpholino-2:2-diphenyl ethyl butyrate);
- (19) Dipipanone (6 piperidino-4:4-di-phenyl heptan-3-one);
- (20) Ethylmethylthiambutene (3-ethyl methyl amino-1:1-di-(2-thienyl)-1-butene);
- (21) Hydrocodone (also known as dihydrocodeinone or Diconid);
- (22) Hydromorphone (also known as dihydromorphinone or Dilaudid);
- (23) Hydroxypethidine;
- (24) Isomethadone (also known as isoamidone);
- (25) Ketobemidone;
- (26) Levomethorphan (formerly 3 methoxy-N-methyl morphinan);
- (27) Levorphanol (formerly methorphanin);
- (28) Methadol;
- (29) Methadone (also known as amidone);
- (30) Methadyl acetate;
- (31) Methyl-desomorphine (6-methyl- Δ^6 -desoxy-morphine);
- (32) 1 - Methyl - 4 - phenylpiperidine - 4 - carboxylic acid isopropyl ester;
- (33) Metopon (also known as methyl-dihydromorphinone);
- (34) Morphine-N-oxide (also known as genomorphine);
- (35) Normethadone;
- (36) Oxycodone (also known as dihydrohydroxycodone or Eucodal);
- (37) Pethidine;
- (38) Phenadoxone;
- (39) Phenomorphan (3-hydroxy-N-phenethylmorphinan);
- (40) Propoxyphene (4 - dimethylamino - 1:2 - diphenyl-3-methyl-2-propionyloxybutane);
- (41) Racemethorphan (formerly 3 methoxy-N-methyl morphinan);
- (42) Racemorphan (formerly methorphanin);
- (43) Thebaine;

(44) The esters of morphine (other than diacetylmorphine), ecgonine, oxycodone, hydrocodone, hydromorphone, acetyldihydrocodeinone and dihydromorphine; the ethers of morphine (other than benzylmorphine, codeine, ethylmorphine and pholcodine); the morphine-N-oxide derivatives, and any other pentavalent nitrogen morphine derivatives.

2.—(1) In this Schedule—

- (a) "ecgonine" means laevo-ecgonine and includes any derivatives of ecgonine from which it may be recovered industrially;
 - (b) each drug specified in a sub-paragraph of paragraph 1 of this Schedule which follows sub-paragraph (4) shall be deemed to comprise its salts and any preparation, admixture, extract or other substance containing it or its salts.
- (2) This Schedule shall not apply to any drug when that drug is contained in—
- (i) the preparations, admixtures, extracts or other substances specified in the Second Schedule to the Regulations, or
 - (ii) the preparations specified in the Schedule to the Order in Council dated April 13, 1937, and by virtue of subsection (2) of section twenty-five of the Act, having effect under subsection (4) of section ten thereof, excluding certain preparations containing morphine, cocaine, etc., from the provisions of Part III of the Act.

NOTES ON NEW MEDICAMENTS

Comments on items given in Guide to New Medicaments (p. 494), especially to show their relationship—pharmacological or chemical—with other products or compounds.

CO-DELTA AND CO-HYDELTA.—One of the side effects of steroid therapy is an increase in gastric secretion and a rise in its pepsin content. That steroid-induced hyperacidity may be undesirable, but can be offset by suitable antacids. The above products, containing prednisone and prednisolone respectively with magnesium trisilicate and aluminium hydroxide, provide steroid and antacid therapy in one tablet. Deltalone is a similar product containing prednisone.

FEMERITAL.—Contains dibutamide [α -dibutylamino- α -(p-methoxyphenyl) acetamide]. The intensity of action of that antispasmodic is comparable with that of papaverine, but the effect is much more selective, being confined chiefly to the uterine muscle. Side effects associated with general relaxation of smooth muscle brought about by most papaverine-like antispasmodics are consequently reduced. Other constituents of Femerital have analgesic properties, and caffeine is included to overcome any central depression. Other products used in dysmenorrhoea (excluding hormones) include Buscopan (hyoscine-N-butyl bromide), Bardase, dicyclomine (Mebentyl, Wyovin), and Edrisal, Profenil and Spascol.

MATROMYCIN.—An antibiotic derived from *Streptomyces antibioticus*; it is also known as oleandomycin. It is active against a wide range of Gram-positive organisms, but its main feature is freedom from cross-resistance with most other antibiotics in common use, although some cross-resistance with erythromycin has been reported. Development of drug resistance to oleandomycin in any case is slow, and may be delayed still further by combined treatment with penicillin or the tetracyclines. Romcil is another brand of oleandomycin. Sigmamycin is a combination of oxytetracycline with oleandomycin.

DELTA GYCORTIL.—Contains prednisolone with acetylsalicylic acid. Prednisone is derived from hydrocortisone, and differs from that drug only in having a double bond in the steroid nucleus. That change in structure results in an increased potency and a reduction in side effects. (Prednisone is a similar compound derived from cortisone.) The combination with acetylsalicylic acid may permit maintenance treatment with small doses in those conditions that have responded to high doses

of either constituent. Cordex is a similar product. Co-Actyl contains prednisone with acetylsalicylic acid together with antacids. C Hydeltra contains prednisolone with antacid. Co-Deltra and Deltalone are similar to C Hydeltra, but contain prednisone instead of prednisolone.

COVATIN.—In the C. & D., March 2, p. 24 under the heading Notensil, this drug was included with other phenothiazine derivatives. Although Covatin contains sulphur, being thioether, it has no chemical relationship with thiodiphenylamine (phenothiazine), or other tranquillising drugs.

COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than the first post on Wednesday of the week of insertion.

Monday, May 6

LONDON SECTION, SOCIETY OF CHEMICAL INDUSTRY, 14 Belgrave Square, London, S.W.1, 6 p.m. Annual meeting.

WEST KENT BRANCH, PHARMACEUTICAL SOCIETY, Beckenham library, at 8 p.m. Annual meeting. Mr. T. Horne on "Radioisotopes in Medicine."

Tuesday, May 7

BOURNEMOUTH BRANCH, PHARMACEUTICAL SOCIETY, Grand hotel, at 7.30 p.m. Annual meeting.

NORTH LONDON PHARMACEUTICAL ASSOCIATION at NORTH METROPOLITAN BRANCH, Beale's restaurant, Holloway Road, London, N.7, at 7 p.m. Annual meeting.

Wednesday, May 8

EAST KENT BRANCH, PHARMACEUTICAL SOCIETY, Falstaff hotel, Canterbury, at 8 p.m. Annual meeting.

FOOD GROUP, SOCIETY OF CHEMICAL INDUSTRY, 14 Belgrave Square, London, S.W.1, at 6 p.m. Annual meeting. Dr. A. J. Amos, "Food, Food Science, and the Food Group: A Twenty-five Year Review."

SWANSEA BRANCH, PHARMACEUTICAL SOCIETY, Central library, at 7.45 p.m. Annual meeting.

WATFORD AND ST. ALBANS BRANCH, PHARMACEUTICAL SOCIETY, Kodak, Ltd., Watlington, Watford, Middlesex, at 2.30 p.m. Works visit.

Thursday, May 9

BIRMINGHAM BRANCH, NATIONAL PHARMACEUTICAL UNION, Chamber of Commerce, New Street, Birmingham, 2, at 7.45 p.m. Annual meeting.

FEDERATION OF SOUTH-EASTERN PHARMACEUTICAL SOCIETIES, Southover Grange, Lewes, at 8 p.m. Mr. D. Hudson (vice-president of the Pharmaceutical Society) on "Marketing Policy."

HARROGATE BRANCH, PHARMACEUTICAL SOCIETY, Blue Bird café, Parliament Street, at 7.30 p.m. Annual meeting.

MANCHESTER AND SALFORD BRANCH, NATIONAL PHARMACEUTICAL UNION, Engineers' club, All Square, Manchester, at 7.45 p.m. Annual meeting.

MICROBIOLOGY GROUP, SOCIETY OF CHEMICAL INDUSTRY, Two-day visit to antibiotics and fermentation division, research department, B. Pure Drug Co., Ltd., Nottingham.

Friday, May 10

CHESTERFIELD BRANCH, PHARMACEUTICAL SOCIETY, board room, Royal Hospital, at 8 p.m. Annual meeting.

FINE CHEMICALS GROUP, SOCIETY OF CHEMICAL INDUSTRY, Conversazione at Fisons, 1 Felixstowe.

MIOLANDS SECTION AND MICROCHEMISTRY GROUP, SOCIETY FOR ANALYTICAL CHEMISTRY, Theatre, University, Edmund Street, Birmingham, 3, at 7 p.m. Discussion on "Microchemical Determination of Functional Groups."

WILLS

MRS. M. E. BUWORTH, widow of the late James Phineas Budworth, M.P.S., 21 Iron Derby, left £15,479 (£15,088 net). She left £1 to the Benevolent Fund of the Pharmaceutical Society.



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TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

LONDON, MAY 1: The general tone of the markets was again quiet with few major price movements in CRUDE DRUGS or ESSENTIAL OILS. Inquiry for PHARMACEUTICAL CHEMICALS returned to normal after the holidays rather more slowly than in previous years. The effect of wage awards recently made to some workers in the industry are expected to be reflected shortly in higher prices of several items.

The various grades of LIQUID PARAFFIN, B.P., are dearer by 25s. per ton and the technical WHITE OILS by about 5s. ANEURINE HYDROCHLORIDE was reduced on May 1 by 35s. a kilo. Simultaneously RIBOFLAVINE and PYRIDOXINE HYDROCHLORIDE became considerably cheaper. VANILLIN from all sources appears to be in good demand.

Among BOTANICALS a quotation was received from origin for new crop CASCARA SAGRADA which indicated a price about 30s. a cwt. under the present price for 1956 processed peel. Some Cape ALOES eased by 3s. per cwt. for shipment and spot holders are willing to accept 5s. less than previously. African GINGER after falling to around 400s. per cwt., c.i.f., for the No. 3 considerably improved and May-June shipment was later quoted at 485s., c.i.f. White Sarawak PEPPER was one penny per lb. firmer for the spot but TURMERIC was easier at all positions. With little or no trade in MENTHOL, prices were nominally unchanged.

Among ESSENTIAL OILS the spot value of Chinese ANISE was down by 10s. per lb. and CASSIA by 10s. per lb.; both were available on the spot at the same level as the c.i.f. quotations. LEMON ranged between 24s. and 26s. per lb. against 26s. and 37s. previously. LEMONGRASS was twopenny per lb. easier on the spot. Elsewhere prices were unchanged in the absence of inquiry.

Pharmaceutical Chemicals

2-AMINOSALICYLIC ACID. — The SODIUM salt is 26s. 6d. per kilo for 50-100-kilo lots.

ANEURINE HYDROCHLORIDE. — Lower. Price per kilo is £17 7s. 6d. with 10-kilo lots at £17 2s. 6d. per kilo.

ASCORBIC ACID. — Rates per kilo: 1 kilo, £4 18s.; 10 kilos, £4 16s. SODIUM ASCORBATE is offered at the same prices.

EXCHANGE RATES ON LONDON

At the opening on Wednesday

Alexandria	Piastres to £	974-974
Amsterdam	Florins to £	10-56-10-72
Bombay	Shillings to	
	rupee	1/5 1/8-1/6 1/8
Brussels	Francs to £	138-95-141-05
Copenhagen	Kronor to £	19-19 1/2-19-48 1/2
Hutch West		
India	Florins to £	5-26-5-29
Hong Kong	Shillings to £	1/2 1/2-1/2 1/8
Yarachi	Shillings to	
	rupee	1/5 1/8-1/6 1/8
London	Escudos to £	79-90-81-10
Montreal	Dollars to £	2-67 3/8-2-67 1/8
New York	Dollars to £	2-78-2-82
Oslo	Kronor to £	19-85-20-15
Paris	Francs to £	972-6-987-3
Stockholm	Kronor to £	14-37 1/2-14-59 1/2
Singapore	Shillings to £	2/3 1/2-2/4
Switzerland	Francs to £	12-15 1/8-12-33 1/8
Bank market rates; remainder Bank of England.		
Bank rate: 5 per cent. from February 7.		

BENZAMINE.—In 16-oz. lots LACTATE is 15s. 3d. per oz. and HYDROCHLORIDE 16s. 3d. per oz.

BENZOIC ACID.—1-cwt. lots are 2s. 11 1/2d. per lb.; the SODIUM SALT is 2s. 9 1/2d. per lb. in 1-cwt. lots.

BENZYL BENZOATE. — 1-ton lots of B.P. grade are 4s. 6d. per lb.

BISMUTH SALTS.—The following are the prices (per lb.) in largest bulk packages:—

	28 lb. to 1-cwt.	1-cwt.	5-cwt.
	s. d.	s. d.	s. d.
CARBONATE ..	22 3	21 9	21 4
SALICYLATE ..	21 9	21 4	20 10
SUBGALLATE ..	21 1	20 8	20 2
SUBNITRATE ..	20 5	20 0	19 6

The 1-cwt. rates (per lb.) for other salts are:—CITRATE, B.P.C., 22s. 8d.; NITRATE, crystal, 14s. 8d.; OXIDE, B.P.C., 27s. 7d.; OXYCHLORIDE, B.P., 27s. 9d.; OXYDODOGALATE, B.P.C., 28s. 9d. and TRIBROMOPHENATE, B.P.C., 26s. 9d.

CAFFEINE. — Minimum rates for 5-cwt. or 250 kilos and over are as follows (kilo price in parentheses):— MONOHYDRATE, 17s. 6d. per lb. (38s. 9d. per kilo); ANHYDROUS 18s. (39s. 9d.); CITRATE, 11s. 6d. (23s. 3d.); AND SODIUM BENZOATE, 13s. 3d. (29s. 3d.) AND SODIUM SALICYLATE, 14s. 9d. (32s. 3d.).

CALCIUM PANTOTHENATE.—Price per kilo is £22 17s. 6d.

CINCHOPHEN.—1-cwt. lots are quoted at 21s. per lb.

CREAM OF TARTAR.—Rates for the home trade are now as follows:—1-ton lots, 231s. per cwt.; 10-cwt., 232s.; 5-9-cwt., 233s.; 2-4-cwt., 234s.; 1-cwt., 235s.

CYANOCOBALAMIN. — Less than 10 gm. lots are £87 10s. per gm.

DICOPHANE (DDT).—Prices are as follows:—1-cwt. lots, 3s. 2d. per lb.; 1-ton, 2s. 11d.

ERGOMETRINE. — For 20-gm. lots the price of the MALEATE, B.P. is £21 10s. per gm., and the TARTRATE, £20 per gm.

FOLIC ACID.—B.P. and U.S.P. is offered on the spot at about 4s. 8d. per gm. in 1-kilo lots.

GLYCERIN.—Rates for pharmaceutically pure are as follows:—

Annual purchases or spot lots of	Under 1-cwt.	1-cwt. and under 5-cwt.	5-cwt. and under 1-ton	1 ton and under 5 tons	5 tons and under 25 tons
Per cwt. TINS	s. d.	s. d.	s. d.	s. d.	s. d.
14-lb.	241 0	236 6	232 6	228 0	225 6
28-lb.	239 0	234 6	230 6	226 0	223 6
56-lb.	235 0	230 6	226 0	222 0	219 6
DRUMS					
1-cwt.	—	214 6	210 6	206 0	204 6
2 1/2-cwt.	—	211 6	208 0	203 6	202 0
5-cwt.	—	—	207 6	203 0	201 6
10-cwt.	—	—	206 6	202 6	201 0

For 25 tons and upwards the price is from 200s. to 225s. 6d. as to containers. Bulk deliveries in tank wagons from 197s. 6d. to 198s. 6d. Pale straw industrial glycerin, s.g. 1.260, is 5s. per cwt. less than the above.

HYOSCINE HYDROBROMIDE. — Quotations are from 97s. 6d. to 115s. per oz. as to quantity and holder.

LACTATES.—CALCIUM, B.P., is 2s. 9d. per lb. in 5-cwt. lots and 2s. 10d. in 1-cwt. lots; CALCIUM SODIUM for similar quantities is 4s. 5d. and 4s. 6d. per lb.; and SODIUM, B.P., 1932, from 2s. 10d. to 3s. 7d. as to quantity.

MENAPHTHONE.—B.P. is £11 per kilo; ACETOMENAPHTHONE, B.P., £11; WATER-SOLUBLE (menadione sodium bisulphite, U.S.P.), £15 per kilo.

NICOTINAMIDE. — Prices per kilo are now: 1 kilo, 92s. 6d.; 10 kilos, 90s., 50 kilos, 88s. 6d.

NICOTINIC ACID. — Prices per kilo are 57s. 6d. for 1-kilo and 53s. 6d. for 50-kilo lots.

NIKETHAMIDE. — Prices per kilo are:— 1-kilo, 113s.; 50-kilo, 105s.

OLEIC ACID.—Price of pale distilled is £175 10s. per ton in 3 1/2-cwt. original loaned drums.

PARAFFINS. — Prices to wholesale distributors are:— Liquid: HEAVY, B.P., £107 17s. 6d. per ton; LIGHT, B.P., £87 15s.; Technical White oils, £79 5s. for the LIGHT and £92 15s. for the MEDIUM, all in 40-50 gall. returnable loaned drums, delivered U.K. Soft: WHITE, medium consistency is now £110 15s. per ton, WHITE, soft consistency, £107 7s. 6d., and YELLOW, £88 10s. all B.P., in non-returnable drums delivered.

PYRIDOXINE. — Lower. Manufacturers' rate for 1-kilo is £121 per kilo; 10-kilos, £120 10s.

QUINIDINE.—Prices are as follows:—

Home Trade	500-oz. or more	100-400-oz.
	per oz.	per oz.
	s. d.	s. d.
QUINIDINE		
ALKALOID ..	7 6	7 8
GLUCONATE ..	8 10 1/2	9 1
HYDROBROMIDE ..	6 2	6 4
HYDROCHLORIDE ..	6 4	6 6
SULPHATE ..	5 8	5 9 1/2
HYDROQUINIDINE		
HYDROCHLORIDE ..	10 7	10 10
GLUCONATE ..	8 1	8 4

For export quinidine alkaloid (crystals) ranges from £11 17s. 3d. to £12 2s. 4d. per kilo and sulphate from £9 to £9 5s. 1d.

QUININE.—Makers' nominal rates (per oz.) for 100-oz. lots and over are:— ALKALOID, 3s. 10d.; ACETYSALICYLATE, 5s. 4d.; BISULPHITE and SULPHATE B.P. 1932, 2s. 8d.; SULPHATE, B.P. 1948 3s.; DIHYDROBROMIDE and DIHYDROCHLORIDE, 3s. 10d.; FORMATE, 4s. 8d.; GLYCEROPHOSPHATE, 4s. 5d.; PHOSPHATE, 4s. 4d.; HYDROBROMIDE and HYDROCHLORIDE, 3s. 5d.; SALICYLATE, 3s. 11d.; QUININE and UREA HYDROCHLORIDE, B.P.C., 4s., TANNATE, 2s. 7d.

RIBOFLAVINE. — Lower. Price (per kilo) is £18 10s. for 1-kilo and £18 5s. for 10-kilo lots.

SALICIN.—Quoted at 18s. 6d. per oz.

TEREBINTH.—B.P. is 2s. 3d. per lb.

VITAMIN A. — Synthetic. Supplied in strengths of 200,000 international units per gm. the price is 11 1/2d. per million i.u. Natural is 1s. 4d. per million units.

VITAMIN D₂. — In oil, 2 million units per gm. the price is 2d. per million international units. Crystalline see under calciferol. D₃, 2d. per million units in oil; crystalline, 17s. per gm.

VITAMIN E (synthetic). — TOCOPHERYL ACETATE, B.P.C., 10 gm. to 100 gm., 1s. 2d. per gm.; 100 gm. to 1 kilo, 1s. per gm.; 1 kilo and under 10 kilos, £45 per kilo; 10 kilos, £44 15s. per kilo.

Crude Drugs

ALOE. — Cape prime for shipment is 321s. per cwt., c.i.f.; and spot, 340s. Curaçao for May shipment is quoted at from 390s. to 400s., c.i.f.

BELLADONNA.—Herb is 2s. 6d. per lb. on the spot. **ROOT.** 1s. 10d. spot; shipment, 1s. 3d., c.i.f.

CASCARA SAGRADA. — American 1955 peel is 345s. per cwt., duty paid. 1956 processed peel for prompt shipment, 295s., c.i.f. New-crop, July-August, 265s., c.i.f., quoted.

CASSIA BARK. — Whole on the spot is now quoted at 115s. per cwt., in bond, and broken, 105s. in bond. For shipment broken is 97s. 6d., c.i.f., for No. 1 and whole, nominal for June-July.

COCHINEAL. — Silver-grey Peruvian, 12s. 6d. per lb. Canary Isles black-brilliant, 28s.

DIGITALIS LEAF.—Purpurea is offered at 1s. 3d. per lb., c.i.f.

ERGOT. — Portuguese is 6s. per lb. c.i.f., for prompt shipment and 7s. 3d., spot. American, 7s. 3d., c.i.f. Bulgarian, 9s. 6d.; Hungarian defatted, 13s. 6d., spot.

GENTIAN. — Spot: French, 185s. per cwt.; Spanish, 165s.; Jugo-Slavian, 155s.

GINGER. — African on the spot is 175s. per cwt. and April-May shipment, 175s., c.i.f. Jamaican No. 3 on the spot is 500s. and May-June shipment at 485s., c.i.f.

GUM ACACIA. — Kordofan cleaned sorts are 155s. per cwt. on the spot; afloat, 140s., c.i.f.

HONEY. — Australian light-amber is 135s. to 140s. and medium-amber, 127s. 6d. to 132s. 6d. Argentine, 135s. to 137s. 6d.; Jamaican, 147s. 6d. to 152s. 6d., all per cwt., on the spot.

IPECACUANHA. — Short, Matto Grosso quoted at 48s. 6d. per lb., c.i.f.

JALAP ROOT. — Mexican is from 5s. 6d. to 6s. 6d. per lb. on the spot, according to test.

KARAYA.—No. 1 gum on the spot is now quoted at 260s. per cwt. and No. 2 at 215s.

KOLA NUTS. — Jamaican are offered at about 8d. per lb., spot, and 6½d., c.i.f. African, 5½d.

LANOLIN. — **ANHYDROUS**, B.P., is from 175s. to 190s. per cwt. and **HYDROUS**, B.P., 150s. to 170s.

LIQUORICE. — Natural root: Anatolian is 45s. per cwt., Russian, 50s. spot and 47s., c.i.f. Block juice: Anatolian, 200s. per cwt.; Chinese and British, 195s. on the spot. Italian stick from 310s. to 476s. per cwt. Spray-dried extract, 2s. 9d. per lb.

LOBELIA HERB. — Spot offers are from 5s. 9d. to 6s. 6d. per lb.

MACE. — Whole on the spot is from 24s. to 24s. 6d. per lb.

MENTHOL.—Chinese. Spot is 51s. per lb., duty paid; afloat, from 47s. 6d. to 48s., c.i.f., as to position. Brazilian, spot, 42s. 6d., duty paid; shipment, 39s. 6d., c.i.f. Formosan, 43s., c.i.f.

NUTMEGS. — West Indian 80's not quoted; sound unassorted, 14s. 3d. per lb.; wormy and broken, 9s. 6d.

ORANGE PEEL. — West Indian bitter quarters are 11d. to 1s. per lb.; Spanish 1s. to 1s. 3d.; thin-cut Tripoli, 2s. 3d.

PAPAIN.—Scarce. East African grade 2 is 28s. per lb., spot; No. 1 nominally 32s. 6d. per lb.

PEPPER.—White Sarawak is 2s. 3d. per lb. on the spot, with prompt shipment at 2s. 2½d., c.i.f. Black Sarawak is offering on the spot at 1s. 8d. per lb., shipment, 1s. 6½d., c.i.f. Black Malabar, 205s. per cwt. on the spot; prompt shipment, 200s., c.i.f.

PEPPERMINT LEAVES. — Dutch for shipment are offered from 2s. 6d. to 3s. per lb., c.i.f.

PIMENTO. — Spot is 590s. per cwt. with forward at 540s., f.o.b.

PODOPHYLLUM. — *Emodi* is 165s. per cwt., c.i.f. *Peltatum*, 4s. per lb. spot, and 430s. per cwt., c.i.f., for shipment.

QUASSIA.—Chips are 42s. 6d. per cwt. on the spot, and 32s. 6d., c.i.f.

QUILLAIA.—Spot offers of bark at 220s. per cwt. with shipment at 175s., c.i.f.

RHUBARB.—Quotations for Chinese are from 6s. 6d. to 9s. 3d. per lb., as to quality.

SAFFRON.—Mancha Selecta is 280s. per lb., on the spot.

SARSAPARILLA.—Jamaican native red on the spot is 2s. 9½d. per lb., and for shipment, 2s. 8d., c.i.f.

SASSAFRAS.—Selected bark is 5s. per lb.

SEEDS. — (Per cwt.). **ANISE.**—Cyprian, 175s.; Bulgarian, 170s., duty paid. **CARAWAY.**—Dutch quoted at 115s., duty paid. **CELERY.**—Indian quoted at 187s. 6d. spot and 160s. for shipment. **CORIANDER.**—Quiet. Spot Moroccan, 90s.; Rumanian, 70s. and Polish or Bulgarian 65s., all duty paid. **CUMIN.**—Firm. Spot, Cyprian, 145s., and Iranian, 135s., duty paid. Cyprian for shipment, 142s. 6d., c.i.f. **DILL.**—Indian unchanged at 60s., spot. **FENNEL.**—Indian at 120s., spot. **FENUGREEK.**—Indian, spot quoted at 67s. 6d., and Moroccan, 67s. 6d., duty paid. **MUSTARD.**—English 60s. to 75s. according to quality.

SENEGA.—Spot is 18s. 6d. per lb. with shippers asking 18s., c.i.f.

SENNA. — *Tinnevely* LEAVES are short on the spot. A few prime No. 1 are available at 1s. 5d. per lb., market otherwise bare; **PODS**, f.a.q., 10d.; hand-picked, 1s. 3d. to 2s. *Alexandrian* pods available from 1s. 6d. to 3s. 6d. per lb., with hand-picked at from 4s. 6d. to 5s. 6d.

SHELLAC. — **F.O.T.N.**, 240s. per cwt.; **F.O.** No. 1, 255s.; fine orange, 280s. to 340s.

SLIPPERY ELM.—Grinding quality bark is 2s. 6d. per lb.

SQUILL.—White is offered on the spot at 57s. to 62s. 6d.

STRAMONIUM.—Indian LEAVES are 70s. per cwt., and European 80s. on the spot.

STROPHANTHUS.—*Kombé* on the spot is 6s. 6d. per lb. for the 100 per cent.; *Gratus* is 11s. 3d., in bond.

STYRAX. — Spot quotations are 6s. 6d. per lb.

TONQUIN BEANS. — Para on the spot are offered at 10s. per lb.

TRAGACANTH.—No. 1 ribbon is £175 to £180 per cwt., No. 2, £150.

TURMERIC.—Madras finger on the spot is 75s. per cwt. with new-crop, April-May shipment at 57s. 6d., c.i.f.

VALERIAN ROOT. — Dutch for prompt shipment is 182s. per cwt., c.i.f., and Belgian, 190s., c.i.f. Indian on the spot is 135s. per cwt.

VANILLIN. — Rates (per lb.) are:—5-cwt. lots, 27s. 3d.; 1-cwt., 27s. 6d.; 56-lb., 27s. 9d.; smaller quantities, 28s.

WITCH HAZEL LEAVES. — Spot supplies are 2s. 3d. per lb.; prompt shipment, 2s. 1d., c.i.f.

Essential and Expressed Oils

AMBER.—Rectified on the spot quoted at from 1s. 6d. per lb.

ANISE. — Chinese, 12s. 6d. per lb., spot; shipment, 12s. 6d., c.i.f.

BAY. — West Indian is 12s. 6d. per lb. on the spot.

CADE. — Spanish is 3s. 6d. per lb. for drum lots.

CALAMUS.—Spot quotations are 62s. 6d. per lb.

CAMPOR, WHITE. — Chinese is 2s. 4½d. per lb., duty paid.

CEDARWOOD.—1-cwt. lots of American are 7s. per lb., and Kenya, 4s. 6d.

CITRONELLA. — Ceylon, spot, 5s. 9d. April-May shipment, 5s. 3d., c.i.f. Formosan, afloat, 7s. 3d., c.i.f., with June-August from 5s. 11d. to 6s. 3d. as to date. Spot is 7s. 6d. in bond.

COD-LIVER.—B.P. is 11s. 6d. per gal. in charged returnable drums. Veterinary is from 9s. 6d. per gall.

CORIANDER.—B.P. oil is quoted from 77s. 6d. to 85s. per lb.

FENNEL.—Spanish sweet on the spot, quoted at 10s. per lb. with Russia at 22s. 6d.

GERANIUM.—Bourbon is from 110s. per lb. on the spot.

GINGER. — English-distilled oil is 20s. per lb. Imported: Jamaican, 167s. 6d. Chinese, 100s., duty paid.

JUNIPER BERRY. — B.P.C. oil is from 12s. 6d. per lb. and Jugo-Slavian, 14s. c. the spot. English-distilled is 155s. **JUNIPER WOOD.** from 5s.

LEMON.—Prices of B.P. oil (4 per cent. citral) vary greatly on the spot according to quality and range between 24s. and 35s. per lb. Californian, 28s. 6d. 36s. 4d., c.i.f. as to quality, subject to licence.

LEMONGRASS.—Spot is 8s. 7d. per lb. and prompt shipment, 8s. 4d., c.i.f.

LIME.—West Indian distilled is 45s. per lb. on the spot.

ORANGE.—Spot quotations of sweet oil include Floridan at 4s. per lb.; Californian, 9s.; West Indian, 7s. 6d.; South African, 7s.; West African, 16s. 6d. For shipment, proprietary brand Californian cold-pressed, U.S.P., 13s. 2d., c.i.f. Turpeneless is 200s. per lb., spot; and bitter 21s. 6d. per lb.

PEPPERMINT. — *Arvensis*: Chinese 29s. per lb. on the spot and 28s. c.i.f. Brazilian, 18s. 6d., spot, and 18s., c.i.f. Formosan, May-June, 16s. 9d., c.i.f.; spot 20s. Italian "Mitcham"-type oil on the spot is from 52s. 6d.; American, 35s. 42s. 6d. as to origin.

PINE.—*Pumilionis* on the spot is from 16s. per lb.; *sylvestris*, 25s.; Siberian (*abietis*), 12s. 6d. to 15s.

ROSEMARY.—Spanish oil on the spot 7s. 6d. per lb., duty paid.

SAGE.—Spanish is from 8s. 9d. to 9s. 6d. per lb. on the spot and Dalmatian, 3s.

SASSAFRAS. — Brazilian is 3s. 7½d. per lb., duty paid.

VETIVERT.—Spot is currently at about 95s. per lb.

UNITED STATES REPORT

NEW YORK, APRIL 30: One product cut the price of polio vaccine to the retail pharmacy trade by 10 per cent. make it \$6.48 per 9-c.c. vial. **ANTIBIOTICS** were in good seasonal demand with the trade reporting prices firm. **STREPTOMYCIN** and supply and demand well balanced for **PENICILLIN**. Demand for **QUININE SULPHATE** was increasing. The flow of crude **IODINE** from Japan continued with the goods selling slightly below prices prevailing for domestic or Chilean material. U.S.P. **DIGITALIS LEAVES** were steady with supplies adequate and demand normal. **STYRACIN** was higher at 80 cents a lb. (up 1 cent). Lower per lb. were **SENEGA** \$2.85 (down 5 cents), **BUCHU** at \$1 (10 cents); and **COCILLANA** at 16 cents (cents). **CARAWAY OIL** at \$3.50 was down 10 cents per lb.

TRADE MARKS

APPLICATIONS ADVERTISED BEFORE REGISTRATION

From the "Trade Marks Journal," April 10
pharmaceutical preparations and substances containing calcium (5)
 CALCIOFEN, 760,958, by Boots Pure Drug Co., Ltd., Nottingham.

pharmaceutical preparations containing antitoxins (5)
 DISTROPEN, 761,050, by C. J. Hewlett & Son, Ltd., Watford, Herts.

embrocations (5)
 Device with words ELLIMAN ATHLETIC RUB FOR ALL ATHLETES, 761,059, by Elliman, Sons & Co., Ltd., Slough, Bucks.

laxatives (5)
 ADLAX, 761,482, by Ashe Laboratories, Ltd., Leatherhead, Surrey.

pharmaceutical preparations and substances for human and veterinary use (5)
 MIDRESON, 762,067, by Organon Laboratories, Ltd., London, W.C.2.

antibiotics (5)
 HYDROMYCIN, 761,568, by Boots Pure Drug Co., Ltd., Nottingham.

antibiotic preparations for administration by injection (5)
 STRYZOLIN, 761,857, by May & Baker, Ltd., Dagenham, Essex.

pharmaceutical preparations for human and veterinary use (5)
 NILERGEX, 761,932, by Imperial Chemical Industries, Ltd., London, S.W.1.

pharmaceutical preparations for sedative and anesthetic purposes (5)
 NOSTYIN, 758,546, by Amcs Co., Inc., Elkhart, Indiana, U.S.A.

weed-killing preparations (5)
 CHAMWELL, 762,097, by Charles Southwell & Sons, Manchester.

photographic apparatus and instruments (9)
 VIDA-VUE, 756,848, by W. Haking Industries (Mechanics & Optics), Ltd., Hong Kong. ISO-LUX, 758,935, by Agfa Camera-Werk, A.G., Munchen, Germany. OZAMAJOR, 761,020, by Izalid Co., Ltd., London, E.C.2. BLACK JOB, 761,179, by D. C. Thomson & Co., Ltd., Dundee, Scotland. ELECTROMATIC, 761,592, Jdis Bros., Ltd., Birmingham, 28.

surgical sutures (10)
 IGACEL, 757,747, STERIPAK, 757,749, ELPAC, 757,751, by Ethicon, Inc., New Brunswick, New Jersey, U.S.A.

all goods (10)
 HEERTEX, SLENLIM, 761,156-157, by Boots Pure Drug Co., Ltd., Nottingham.

hair nets, hair pins, hair pads and hairers for attachment to the hair (26)
 BCO, 761,354, by A. Burnet & Co., Ltd., London, W.1.

From the "Trade Marks Journal," April 17
all goods but not including glues or any of the same description (1)
 ALBOR, 758,232, by Borax Consolidated, Ltd., London, S.W.1.

chemical products for use in industry (1)
 ETJENFINE, 758,977, by Koninklijke wafelzuurfabrieken V/H Ketjen, N.V., Amsterdam, Holland.

chemical substances used in industry and in agriculture (1)
 RINASCO, 760,384, by Limmer and Trinidad (Asphalt) Co., Ltd., London, S.W.1.

adhesives (1)
 NRIEFIX, 761,809, by Fletcher & Farlow, Ltd., London, E.C.2.

porous ceramic materials for use in filtration, ion, diffusion and electrolytic processes (1)
 ROLITH, 761,950, by Acrox, Ltd., Glasgow, N.2.

photographic chemicals and photographic sensitized materials (1)
 MEZONE, 761,996, by Kodak, Ltd., London, W.C.2.

soap in liquid form and soft soap (3)
 ELCO, 747,484, by W. M. Delf (Liverpool), Ltd., Liverpool, 9.

For soaps, shampoos, lotions, oils, tonics, washes and colouring matters, all for the hair (3)
 ULTRASOL, 754,780, by Hypersonics, Inc., Newburgh, New York, U.S.A.

For preparations for cleaning ovens (3)
 SEA-SPRAY, 757,393, by O-Cedar Division of American-Marietta Co., Chicago, U.S.A.

For soap, perfumes, non-medicated toilet preparations, essential oils, cosmetics, hair lotions and dentifrices (3)
 STRIPE, B757,444, by D. & W. Gibbs, Ltd., London, W.1. AMBUSH, 759,451, by Morny, Ltd., Perivale, Middlesex. SKIFFLE, 762,201, by Cussons, Sons & Co., Ltd., Kersal, Manchester, 7.

For perfumes, non-medicated toilet preparations, cosmetics and hair lotions (3)
 PERMOGLOS, 760,033, by John Stanley Robinson, Manchester.

For cosmetic preparations (not being toilet preparations) (3)
 SWISTANE, 761,888, by Biokosma, A.G., St. Gall, Switzerland.

For pharmaceutical preparations for human use (5)
 DOMARAX, 757,728, by Chas. Pfizer & Co., Inc., New York, U.S.A. MEDRONE, 760,392, by Upjohn of England, Ltd., London, W.1.

For antibiotics and antibiotics preparations (5)
 RONDOMYCIN, 758,168, MEGAMYCIN, 760,012, by Chas. Pfizer & Co., Inc., New York, U.S.A.

For insecticides, larvicides, fungicides, and preparations for killing weeds and destroying vermin (5)
 NEMAGON, 759,179, by Shell Petroleum Co., Ltd., London, E.C.3.

For rodenticides, vermicides, insecticides, larvicides, fungicides, bactericides, parasiticides; and weed-killing preparations (5)
 FLORON, 760,358, by Associated Fumigators, Ltd., London, E.16.

For infants' food prepared from cereals (5)
 Device with words COW & GATE CEREAL FOOD, B758,896, by Cow & Gate, Ltd., Guildford, Surrey.

For all goods (5)
 BIFURON, 760,135, by A. J. White, Ltd., London, S.E.5. CLIMAPAX, 761,288, by Clinical Products, Ltd., Richmond, Surrey.

SEDNINE, 761,346, by Allen & Hanburys, Ltd., London, E.2. SPASMOPAX, 762,549, by Victoria Laboratories, Ltd., London, W.C.2.

For hormone preparations for veterinary use (5)
 VET-NUTRI, 760,239, by E. R. Squibb & Sons, Ltd., London, W.1.

For pharmaceutical preparations and substances for use in the treatment of nasal complaints (5)
 RHINOLONE, 761,109, by Laboratoires Francaise de Chimiotherapie, S.A., Paris, France.

For pharmaceutical preparations and substances (5)
 FOISANA, 761,327, ENTAQUIN, 761,843, by Boots Pure Drug Co., Ltd., Nottingham.

PROCTOSODYL, 762,113, by Laboratoires Francaise de Chimiotherapie, S.A., Paris, France. PABALATE, 749,785, by A. H. Robins Co., Inc., Richmond, Virginia, U.S.A. VANCOLIN, 761,363, by Eli Lilly & Co., Indianapolis, U.S.A.

For pharmaceutical preparations and substances for internal use (5)
 PALATELS, 761,343, by Allen & Hanburys, Ltd., London, E.2.

For pharmaceutical preparations and substances for human and veterinary use (5)
 JECTOFER, 761,461, by Aktiebolaget Astra, Apotekarnes Kemiska Fabriker, Sodertalje, Sweden.

For chemical preparations for killing weeds (5)
 FARMON, 762,132, by Robt. Stephenson & Son, Ltd., Beverley, East Yorks.

For pharmaceutical preparations for the treatment of bronchitis and asthma (5)
 INFASMA, 762,331, by William Morgan Davies, Hereford.

PRINT AND PUBLICITY

COMMERCIAL TELEVISION

PROGRAMME details are given to enable chemists to put in linking-up displays if they wish. Notice given is as far in advance of the programme date as can be guaranteed by the broadcasting companies.

Sunday, May 12

LONDON: Meggezons cough syrup. Tru-Gel. Gayclord Hauser extra potency yeast tablets. Dor deodorant. Rosedale Lanospray. Anadin. Anne French products.

MIDLAND: Robinson's lemon barley water. Drene.

NORTH: Robinson's lemon barley water. Spratt's dog products. Drene.

ALL: Palmolive soap. Gibbs' S.R. Flatter-Glo. Saxin tablets.

Monday, May 13

LONDON: White Rain lotion shampoo. Gibbs' S.R. Vinolia. Anadin. Anne French products.

MIDLAND: Dip. Vaseline hair cream. Vinolia baby products. Gleem tooth-paste.

NORTH: Alka-Seltzer. Horlicks. Cephos. Pepsodent. Anadin. Gleem tooth-paste.

ALL: Lifeguard disinfectant. Aspro. Knight's Castile.

Tuesday, May 14

LONDON: Sans Egal. Tru-Gel. Saxin tablets. Cussons' cold cream soap. Air-wick. Vinolia. Anadin. Gleem tooth-paste.

MIDLAND: Robinson's orange squash. Dip. Aspro. Horlicks. White Rain lotion shampoo. Gibbs' S.R. Safada cream shampoo. Pepsodent. Drene. Gleem tooth-paste.

NORTH: Sans Egal. Alka-Seltzer. White Rain lotion shampoo. Vaseline hair cream. Safada cream shampoo. Air-wick. Gleem tooth-paste.

ALL: Knight's Castile.

Wednesday, May 15

LONDON: Horlicks. White Rain lotion shampoo. Dentiline. Gibbs' S.R. Cussons' cold cream soap. Vinolia. Dr. Wernet's powder. Drene. Gleem tooth-paste.

MIDLAND: Robinson's lemon barley water. Snowfire waxeset. Safada cream shampoo. Air-wick. Pepsodent. Vinolia. Drene. Gleem tooth-paste.

NORTH: Robinson's orange squash. Dip. Vaseline hair cream. Safada cream shampoo. Cephos. Vinolia. Anne French products. Gleem tooth-paste.

ALL: Lifeguard disinfectant. Aspro.

Thursday, May 16

LONDON: Robinson's lemon barley water. Aspro. Spratt's dog products. Ibcot. Miraglo. Tru-Gel. Nervone. Cussons' cold cream soap. Safada cream shampoo. Pepsodent. Drene. Gleem tooth-paste.

MIDLAND: Rozalex hand cream. White Rain lotion shampoo. Vaseline hair cream. Gibbs' S.R. Rosedale Lanospray. Vinolia. Gleem tooth-paste.

NORTH: Robinson's lemon barley water. Sans Egal. White Rain lotion shampoo. Gibbs' S.R. Vinolia. Dr. Wernet's powder. Gleem tooth-paste. Anadin.

ALL: Lifeguard disinfectant. Saxin tablets.

Friday, May 17

LONDON: Safada cream shampoo. Air-wick. Fisons' horticultural products.

MIDLAND: Dip. Aspro. Moorland indigestion tablets. Nervone. Tangee lipstick. Saxin tablets. Fisons' horticultural products.

NORTH: Dip. Moorland indigestion tablets. Tangee lipstick. Gibbs' S.R. Saxin tablets. Cephos. Vinolia. Anadin.

ALL: Drene. Gleem tooth-paste.

Saturday, May 18

LONDON: Robinson's lemon barley water. Sans Egal. Alka-Seltzer. Meggezons cough syrup. Miraglio. Dentiline. Gayelord Hauser extra potency yeast tablets. Persomnia tablets.

MIDLAND: Robinson's orange squash. Sans Egal. Vaseline hair cream. Anadin.

NORTH: Robinson's orange squash. Vaseline hair cream. Anadin.

ALL: Lifeguard disinfectant. Aspro. Knight's Castile. Horlicks. White Rain lotion shampoo. Vita Glucose tablets. Air-wick. Pepsodent. Linc-o-lin beer shampoo. Drene.

Other products which are being currently advertised (but for which no day of showing has been notified) include: Floret DDT aerosols. Moore's teething jelly.

PUBLICATIONS

Price Lists

PIERCE A. ARNOLD & SON, 43 Pollard Road, Morden, Surrey: February 1957. Pp. 8.

POLAK & SCHWARZ (ENGLAND), LTD., 50 Great Cambridge Road, Enfield, Middlesex: Aromatic chemicals, April-June 1957. Pp. 8.

PRESS ADVERTISING

C. E. FULFORD, LTD., Carlton Hill, Leeds, 2:

Vitapointe. In national Press.

F. W. HAMPSHIRE & CO., LTD., Derby: Safada cream shampoo. In national Press.

SOUTHON PRODUCTS, LTD., 88 Upper Richmond



COUNTER DISPLAY STAND for the new range of Tweed cosmetics, which is available from Lenthier, Ltd., 17 Old Bond Street, London, W.1.

Road, London, S.W.15: E.P. tablets for period pains. In national Press, and selected women's journals.

BEECHAM PHARMACEUTICALS, LTD., St. Helens Lancs: Beecham's products. In national Press.

KELDON, LTD., Perivale, Middlesex: Optrex. In national Press.

EDWARDS HARLENE, LTD., 58 Gough Street, London, W.C.1: Smoke colour rinse. In cinema women's magazines and newspapers.

YALCS, LTD., Grove Road, Nottingham: Surgical hosiery manufactures. Yalcs products. In provincial daily Press and leading women's journals.

RANK PRECISION INDUSTRIES, LTD., 41 Mortimer Street, London, W.1: G. B. Kershaw camera. In Radio Times and Amateur Photographer.

CUSSENS, SONS & CO., LTD., Kersal Vale, Manchester, 7. Talcum powders. Full page colour in leading national women's magazines.

FISONS, LTD., Felixstowe, Suffolk: Horticultural products. In national provincial, gardening and trade Press.

P. B. COW & CO., LTD., 12 Hay Hill, Berkeley Square, London, W.1: Li-Lo lanolin-impregnated plastic baby pants. In main women weekly and monthly Press.

C. & D. WEEKLY LIST OF PRICES

A = Advanced; R = Reduced; I.R.P. = Inclusive Retail Prices; * = Tax 30 per cent.; † = Tax 90 per cent.

ASPRO-NICHOLAS, LTD. (from May 20)
Aspro tablets* 27 I.R.P. 1 9 A

THE BRITISH DRUG HOUSES, LTD. (from April 29) (purchase tax exemptions)
Pectamol linctus 3 9 R
Tussimol cough pastilles 2 8 R

COATES & COOPER, LTD. (purchase tax exemption)
PanSedon tablets 25 3 6 4 8
100 11 0 14 8
1,000 93 1 124 2

CRANBUX, LTD.
Odol mouth wash* 2 0 A
3 3 A
6 0 A
tooth-paste* 1 10 A
tooth-powder* 1 10 1/2 A
denture powder* 1 5 1/2 A
solid dentifrice* 1 1 A
Dent Odol 1 6 A
2 6 A

GORDON-MOORE, LTD. (from May 1)
Gordon-Moore's cosmetic
tooth-paste* 3 2 A
Satin dental cream* 1 11 A
Punch and Judy tooth-paste* 1 11 A
Less tooth-paste* 1 11 A

KODAK, LTD.
Kodak Auto-Velox developer powder:—
2 unit tin, each unit to make 1 gall. stock solution 20 0 A
packet to make 4 1/2 gall. stock solution 42 0 A
packet to make 10 gall. stock solution 85 0 A
Velox developer powder:—
pkt. to make 2 oz. stock solution 6 3 9 A
24 15 0 A
stock solution maker 20 oz. 2 9 A
80 oz. 6 0 A
1 gall. 10 6 A
2 gall. 20 0 A
5 gall. 45 0 A
10 gall. 85 0 A
Kodak acid fixer powder 250 gm. 2 6 A
500 gm. 3 6 A
5 kilo 25 0 A
10 kilo 47 6 A
50 kilo 198 0 A

MANSTON MEDICAL PRODUCTS, LTD. (from May 1)
Ipsolon balm* Doz. 14 9 2 0 A
24 0 3 4 A
tablets* 14 9 2 0 A

PHARMACEUTICAL SPECIALITIES (MAY & BAKER), LTD. (from April 29) (purchase tax exemption)
Stemetil tablets 5 mgm. 25 7 6 R

250 70 0 R
suppositories 25 mgm. 5 10 0 R
POTTERS HYGIENIC PRODUCTS (LONDON), LTD. (from May 1)
Fiutlin* 10 oz. 26 0 3 3 A

RACASAN, LTD.
Racasan deodorant block 1 3 R
channel block 1 3 R

RILLING CO.
Natural Set lanolised hair spray aerosol† 52 6 10 6 R

SAVILLE PERFUMERY, LTD. (from May 1)
Perfumes†:—
Tutu 20 0 4 0 A
Seventh Heaven 20 0 4 0 A
Mischief 20 0 4 0 A
June 20 0 4 0 A
35 0 7 0 A
50 0 10 0 A

SILMOR DISTRIBUTING CO. (from May 1)
Andre Philippe eau de toilettes†:—
Sheerpack gift container 42 0 8 6 A
gift packs: single 37 6 7 9 A
double 66 0 14 6 A
treble 96 0 21 0 A
four in box 122 0 28 0 A
five in box 165 0 35 0 A

WILLIAM R. WARNER & CO., LTD. (purchase tax exemption)
Sterisl 1 1/2 oz. 106 8 13 4 R

NEW PRODUCTS AND PACKS

ABBOTT LABORATORIES, LTD.
Compicillin V Filmtabs 25 33 0

CROWN CAPSULE CO., LTD.
Skin Soft† 1 6

DELAVELLE (G.B.), LTD.
Set-a-Net hair spray† 5 6
refill† 3 6

ELIZABETH ARDEN
Pure pink lipstick gift† 11 9
refill† 6 9

F. W. HAMPSHIRE & CO., LTD.
Safada cream shampoo sachet* 6

IMPERIAL CHEMICAL INDUSTRIES, LTD. (PHARMACEUTICALS DIVISION) [corrected note]
Sulmizil V tablets 25 119 0 14 10 1/2

SILMOR DISTRIBUTING CO.
Andre Philippe eau de toilette and sachet bubble bath combined set 90 0 15 9
Each

Le Galion perfume "for gentlemen"†† 3 1/2 oz. 37 9 47 6
frictions "for gentlemen"†† 22 c.c. 7 11
eau de toilette for ladies 22 c.c. 7 11

SOUTHALLS (BIRMINGHAM), LTD.
Sanpanties nylon brief 10 6
rayon tricot 7 6
rayon tricot open leg 6 6
Baby pants 2 0

P.A.T.A. LIST

(Alterations notified this week by the Proprietors Articles Trade Association.)

OPTREX, LTD.
Optrex eye baths. Purchase tax rate reduced from 30 per cent. to 15 per cent. Prices are unchanged.

THOMAS KERFOOT & CO., LTD.
Vapex pastilles* 10 0 1 6

THOMAS MARNS, LTD. (from May 1)
Falconers golden compound* 20 3 2 9

ADDITIONS TO THE LIST

THE BRITISH DRUG HOUSES, LTD.
Sea-Legs 20 0 2 6

CLARNELL, LTD.
Clarnell cough elixir* 17 0 2 6
rheumatic balm* 26 0 3 9
Adwin balm (dispensing pack) 24 0
tablets (dispensing pack) 100 84 0
500 384 0
Ephpect elixir 20 fl. oz. 66 0
80 fl. oz. 222 0

COUNTY LABORATORIES, LTD.
Brylcreem home dispenser† 39 0 7 6
refill† 22 1 4 3
Bristow's preparations*: liquid shampoo sachet 4 2 7
cream shampoo small 11 5 1 7
large 17 6 2 5
sachet 4 2 7
lanolin toilet soap 6 4 10
bath soap 12 8 1 8
Vosene* small 13 9 1 11
large 28 4 3 11
sachet 3 7 6
Water lilies shampoo* 7 3 1 0

The following lines are withdrawn:—Ama shampoo Nos. E.1-2; lotion shampoo No. E. wave set No. E.34; brilliantine No. E.41-4
Brylloam, No. F.51-52.

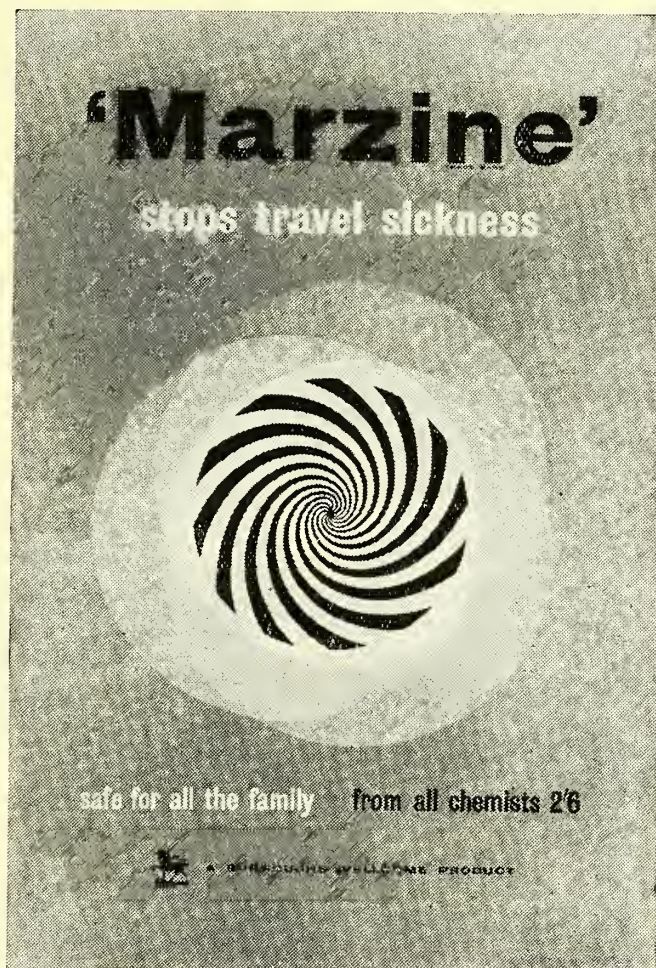
DUNCAN FLOCKHART & CO., LTD.
Syrup pholcodine 80 oz. 28 4 42 6

MANSTON MEDICAL PRODUCTS, LTD.
Noxacorn foot powder* 22 0 3 0

PRETESTED PRODUCTS, LTD.
Nair depilatory lotion† 40 3 7 6

THOMAS MARNS, LTD.
Junipah major* 27 6 3 9

VICK INTERNATIONAL, LTD.
Vick cetanium throat tablets* 14 7 2 0
Vick Vapomist nasal spray* 27 6 3 9



Millions of travellers will see this striking poster on the London Underground this summer... millions more will see it on selected railway stations... and millions more again will see advertisements for 'Marzine' in national newspapers and magazines. Hitch *your* wagon to the 'Marzine' star—by displaying and promoting 'Marzine'. Our representative will be glad to show you the attractive new range of 'Marzine' sales aids.

Special 'Marzine' Bonus Terms of "13 to the dozen" (minimum 3 dozen) are offered until 31st July.



BURROUGHS WELLCOME & CO.
(THE WELLCOME FOUNDATION LTD.) LONDON



Mothers will be clamouring for the new Feedrite with the Controlled Flow Teat and the choice of Glass or Nylon bottle.

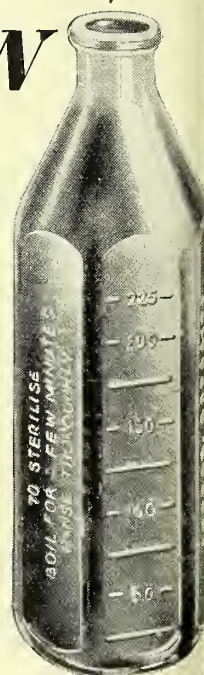
Our National Press campaign will bring them into your Shops. Don't disappoint your customers—make sure your stocks are sufficient to meet the demand.

Showcards and Leaflets supplied on request. Obtainable only from your wholesaler.

FEEDRITE LTD.

300, KINGSTON ROAD, MERTON PARK, LONDON, S.W.20

NEW
NYLON
Bottle



FEEDRITE BOTTLE AND CONTROLLED FLOW TEAT.

FEEDRITE SPARE BOTTLES.

FEEDRITE SPARE THERMAL HEAT RETAINING PAD SETS.

FEEDRITE ANTI-COLIC CONTROLLED FLOW TEATS Cherry or Straight.

FEEDRITE RUBBER BOTTLE STOPPERS.

FEEDRITE FOOD AND BATH THERMOMETERS.

FEEDRITE NYLON BOTTLE.

You'll be busy with
BRONTAN
REGD. TRADE MARK
SUN-TAN CREAM
THIS SUMMER



NON-GREASY BRONTAN tans fast and sells fast, and each tube will show YOU a healthy profit. Now's the time to order for your share of this brisk business which will be continual throughout the summer.

Trade Price 11/3 per dozen
(P. Tax 10/1½)

Retail 2/6 per tube
(inc. Tax)

Bonus for display, 13 to the dozen on parcels of not less than 3 dozen

JOHN BELL, HILLS & LUCAS LTD., OXFORD WORKS, WORSLEY BRIDGE RD., S.E.26

SMALLER SIZE TRESS



Heavy advertising in
'WOMAN'
'WOMAN'S OWN'
'DAILY MIRROR' etc.
will reach
15,000,000 WOMEN
—widening the market for this
fast-selling wave-set

TRESS, already one of the biggest selling wave sets, reaches an even wider market with the addition of this half-size pack. Be sure you have stocks to meet an entirely new demand for 1/9d Tress. The large size still continues in demand by enthusiasts who have formed the habit of buying Tress at 2/10½d per bottle.

TRADE TERMS

SMALL SIZE

Price 8/10d
per dozen bottles
plus 90% tax
selling at 1/9d per bottle.

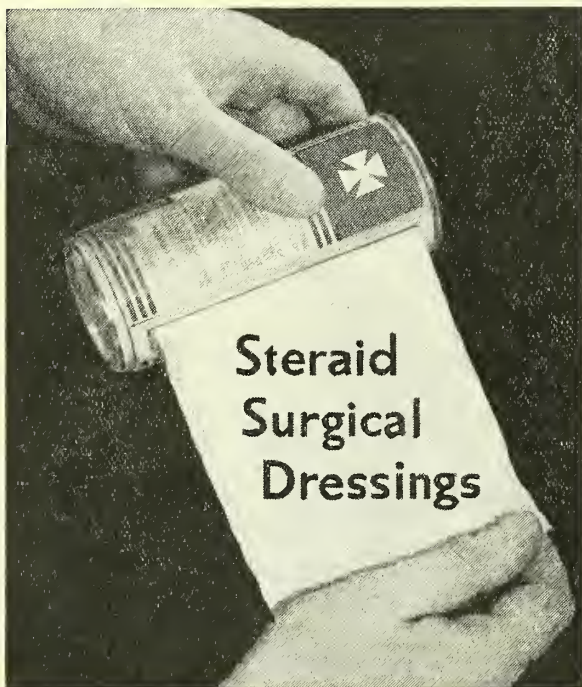
LARGE SIZE

Price 14/5d
per dozen bottles
plus 90% tax
selling at 2/10½d per bottle.

GOLDEN LIMITED, 7 GROSVENOR STREET, LONDON, W.1. Hyde Park 1671

Trade Enquiries for the Republic of Ireland should be addressed to: Lilmar Pharmaceuticals, Ltd., Santry, Dublin.

Look at this dressing!

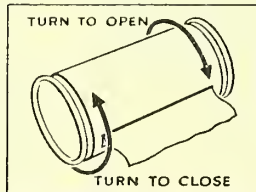


... It is **STERAID GAUZE** being drawn out of its patent container ready to be snipped off. What a convenience this could be to your Doctor and other customers: they would readily buy their Dressings in this simple and effective device . . . so very much superior to the ordinary packets.

STERAID DRESSINGS are made up in Gauze and Lint (Plain and Boric) in Display outers, each of twelve containers.

Enter a trial order through your Wholesaler. Your customers will appreciate the utility of this excellent product.

After use, one slight turn at the base will return the dressing to the container, enclosing it completely from any contamination, ready for further use . . .



ROBERT BAILEY & SON, LTD.
SURGICAL DRESSINGS MANUFACTURERS
DYSART STREET, GREAT MOOR, STOCKPORT
Phone: STEPPING HILL 3006/7 Grams: "UNDISPUTED" STOCKPORT

WIN the loyal Cuticura public to YOUR Pharmacy

Just one pack of each of the Cuticura Preparations in your attractive window will catch the eye of every Cuticura Customer. They know that the pharmacy that sells their Cuticura, stocks only the best.

STOCK AND DISPLAY

Cuticura

**SOAP
OINTMENT
HAND CREAM
SHAVING STICK
TALCUM POWDER
MEDICATED LIQUID**

351

Kwick-dry (HOUSEHOLD) PAPER TOWELS

In Perforated Rolls at 2/-

**ARE A BOON TO THE
HOUSEWIFE**

*"I've cut down on my Big
Laundry Bills"*

They save work and drudgery, serving a multitude of purposes in the Kitchen. Disposable after use.

**FOR DRYING HANDS
CLEANING POTS and
PANS · DRAINING FRIED
FOOD, etc.**

Of soft, pleasing, crepe texture KWICK-DRY TOWELS are very ABSORBENT, can be squeezed like a cloth and, being actually STRONGER WHEN WET, they do not disintegrate.

Attractive Plastic Holders in colours to match Kitchen Units: supplied to retail at 4/3d.

This NEW Hygienic habit is catching on—encouraged by Press advertising.

Attractive Showcards available on request.

Samples and prices from

FREEDER BROTHERS PAPER MILLS
BRIMSDOWN · ENFIELD · MIDDLESEX
Telephone: HOWard 1847 (5 lines) Grams: Sylkocrepe, Enfield



SPRING BURSTS INTO PROFITS WITH



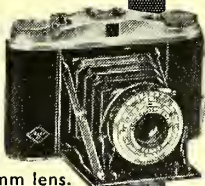
ISOLA

Simplest-ever model for
colour and black-and-white
photography. Agfa Agnar
f6.3/75mm lens.
Single Shutter: 1/30, 1/100,
1/3. Synch. 2 1/4" x 2 1/4".

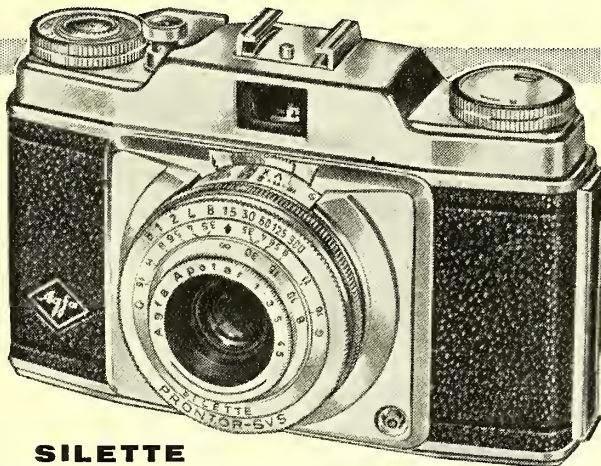


ISOLETTE

World's most popular
1 1/2" x 2 1/4" folding camera.
Range of 5 models available:
Vith Vario 3-speed shutter;
Agfa Agnar f4.5/85mm lens.
Vith Pronto 4-speed
shutter; Agfa Apotar
f4.5/85mm lens.
Vith Prontor SVS 8-speed
shutter; Agfa Apotar f4.5/85mm lens.
Vith Pronto 4-speed shutter; non-
coupled rangefinder; Agfa Apotar
f4.5/85mm lens. With Prontor SVS
8-speed shutter; Agfa Apotar f4.5/85mm
lens; non-coupled rangefinder.



COLOUR CORRECT CAMERAS



SILETTE

Superlative 35mm miniature. Agfa Apotar f3.5/45mm lens.
Positive action leverwind.
Range of 4 models available:
With Pronto 4-speed synch. shutter. With Prontor SVS 9-speed fully synch.
shutter. With Compur-Rapid 10-speed synch. shutter.
With built-in exposure meter.



**FILM SALES
SOAR TOO!**

ISOPAN ULTRA 37° Sch

ISOCHROM 30° Sch
ISOPAN ISS 33° Sch
ISOPAN F28° Sch
ISOPAN FF 24° Sch

Exceptionally fast panchromatic film
for high shutter speeds.
Fast orthochromatic film of high general sensitivity.
Highly panchromatic film with extreme speed.
All-purpose fine-grain panchromatic film.
Special fully panchromatic extra fine-grain film.

COLOUR-TRUE *Agfacolor*

NEGATIVE Film
REVERSAL Film
REVERSAL CINE Film

For superb prints and enlargements.
For brilliant transparencies.
For wonderful natural colour movies.

Registered Trade Mark *
Proprietors: Agfa A. G.
Leverkusen—Bayerwerk

AGFA LIMITED

27 REGENT STREET • LONDON • SW1 REGent 8581/4

Zoflora is now in continuous demand-display it on your counter

Zoflora is now being nationally advertised in the foremost woman's magazines and large advertisements are appearing in the provincial press. Why not take advantage and stock up right away Zoflora sells itself and ensures repeat sales.



Zoflora floral DISINFECTANT

TZ 68.

Have you seen the Zoflora AEROSOL

Zoflora Aerosol is an addition to the popular range of Zoflora floral disinfectant and will feature in all this season's advertising. We anticipate a strong and persistent demand for this product. Retail Price 5/6. Trade Price 44/- per dozen.



THORNTON & ROSS
LIMITED
LINTHWAITE LABORATORIES ENGLAND
HUDDERSFIELD

GUM TRAGACANTH

GUM KARAYA
WHOLE AND POWDERED
DIRECT IMPORTERS

Phone:
MANSON
HOUSE
4405
(3 lines)

M. HAMBURGER & SONS
LIMITED
Plantation House
MINCING LANE • LONDON E.C.3

PRICES REDUCED

FOR HARDWOOD APPLICATORS

100 boxes and over 3/- per box, 50 to 99 boxes 3/3 per box, under 50 boxes 4/- per box.

Standard pack, 6 gross to a box.

IMMEDIATE DELIVERY FROM LONDON STOCKS

TONGUE DEPRESSORS

LOWEST PRICES SINCE THE WAR

Size 6in. x 1/4in. x 2mm. thick. Danish beech, perfectly finished. Boxed 100's. Minimum order 10,000.

Wholesale Houses only supplied.

ASHWOOD TIMBER INDUSTRIES LTD.

Specialists in Veneer and Plywood Products for all Trades.

IBEX HOUSE, MINORIES, LONDON, E.C.3
Tel.: ROYal 2494 Cables: ASHTIM, LONDON

GALLIC ACID PYROGALLIC ACID

(RESUBLIMED, PURE CRYSTAL AND TECHNICAL)

AND DERIVATIVES

WHOLESALE AND EXPORT ONLY

J. L. ROSE, LIMITED, ABBEY ROAD, BARKING, ESSEX

6/- best-seller!



Lastonet

METATARSAL PADS

The Lastonet Metatarsal Pad is by far the best on the market at the very reasonable retail price of 6/- per pair. Its chamois-covered foam rubber pad, held comfortably in place by a band of light, airy Lastonet, relieves arch strain and tired feet. Top quality, low price—and an excellent profit margin into the bargain. Your price—24/- per $\frac{1}{2}$ dozen pairs.

Q.T.2

LASTONET PRODUCTS LIMITED, CARN BREA, REDRUTH, CORNWALL

Millions of Honey Pot FLYCATCHERS are sold each Summer

EXPERIENCE proves there is no better way of catching flies

Proved over the years, more and more people are returning to the foolproof method of flycatching.

- ★ Shiny and attractive to flies, Honey Pot Flycatchers capture them by the hundred.
- ★ Hygienic—traps them and holds them fast for good.
- ★ Barrel impregnated with D.D.T.
- ★ Guaranteed to remain fresh in store.
- ★ Supplied in eye-catching 3 doz. and 6 doz. Counter Display boxes.

There's plenty of profit for YOU

Stock up NOW and ensure that this Summer is a record Sales Success with this rapid turnover line.

Honey Pot FLYCATCHERS

Selling price to public 3d. each

TO RETAILERS

Under 3 gross 27s. per gross.
3 gross and over 24s. per gross.

VIPER FLYCATCHERS

It is regretted that these are no longer available.



T13

Order NOW from your usual wholesale supplier or direct from

KAY BROTHERS LIMITED • REDDISH • STOCKPORT

Decilderm

OINTMENT · POWDER
(DUNCAN)

For fungus infections of the skin . . .

In fungus infections of the skin such as tinea pedis (athlete's foot), tinea cruris (dhobi itch), moniliasis, etc., certain higher fatty acids are becoming an accepted treatment.

Undecylenic acid with its zinc salt is present in DECILDERM Ointment and Powder (Duncan), and appears to be the most effective of these acids for fungus infections.

Decilderm Ointment and Powder (Duncan) are easy to apply and the odour of undecylenic acid is hidden by a perfume.

DECILDERM OINTMENT (Duncan) containing undecylenic acid 5%, zinc salt 20%, in 1 oz. tubes.

DECILDERM POWDER (Duncan) containing undecylenic acid 2%, zinc salt, 20%, in 1½ oz. sprinkler tins.

DUNCAN, FLOCKHART & CO., LTD.

16, Wheatfield Road,
EDINBURGH, 114, Carlos Place,
LONDON, W.1

Another
hair-worried
customer—
another sale of

Everyone with thinning hair who enters your shop is a potential customer for Jochem's Wonderful Dutch Hair Preparation. This truly outstanding product has an amazing record of success in cases of thinning and falling hair, and you can recommend it with every confidence. Sales are mounting month by month—sure proof of Jochem's effectiveness—and every sale shows you a good profit. Your usual wholesaler can supply or write to us for details without obligation.

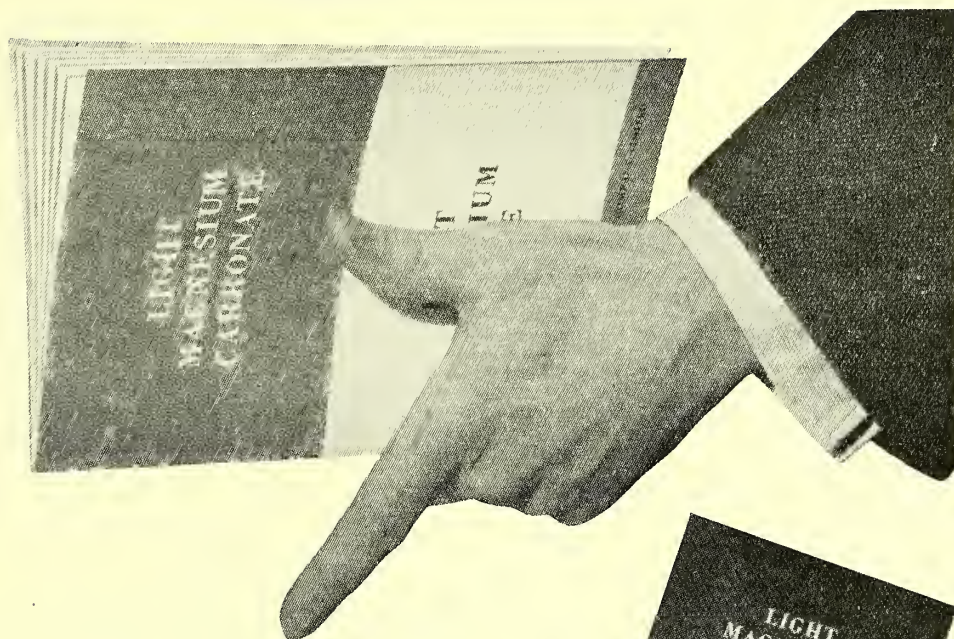
* Hundreds of testimonials from all parts of the country can be seen at our offices on request.

Jochem's

WONDERFUL DUTCH HAIR PREPARATION

Manufactured (under licence) by BEAUTISALES LTD.
35 Old Bond St., London, W.1. Tel: HYDe Park 2565-6
Eire Agents: Mur-ra Ltd., 132 St. Stephen's Green, Dublin.

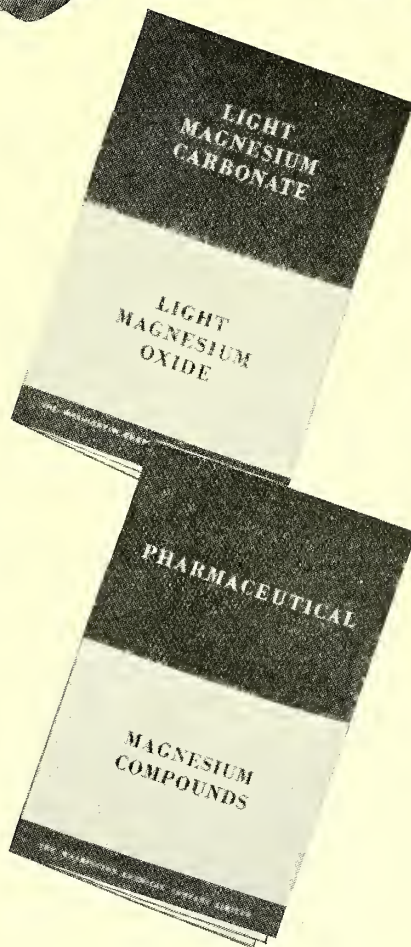
PRICES: 8/9 per bottle
or 96/- dozen plus P.T.
Retailing at 21/- per
bottle, incl. P.T.



FACTS TO HAND

Chemists, Chemical Engineers and Pharmacists interested in magnesium chemicals are cordially invited to write or telephone for copies of two booklets which we have recently published.

These give interesting information about our magnesium oxides, carbonates, hydroxides and trisilicates, and also tell something about our research organisation which is always ready to help in problems associated with our products.



THE WASHINGTON CHEMICAL CO. LTD.

A member of the TURNER & NEWALL ORGANISATION

WASHINGTON, CO. DURHAM, ENGLAND

Telephone: Washington 3333.

Telegrams: Chemical, Washington Station, England.

LONDON OFFICE. Empire House, St. Martin's le Grand, London, E.C.1. Telephone: MONarch 6898. Telegrams: Pattprodux, Phone London.
MANCHESTER OFFICE. 74 Palmerston Street, Manchester 12. Telephone: ARDwick 2876. Telegrams: Pattprodux, Manchester.

Agents throughout the world.

*"Summer is ycumen in
Loude sing Cuckoo!"*

(13th cent. song)

... and with the summer the Hay Fever season, when you can expect a considerable demand for Pabracort insufflations. Pabracort (hydrocortisone acetate) has proved its value in the control of Hay Fever both by clinical trial and in general practice. Supplies are available through your usual wholesaler or direct from Paines & Byrne Limited.

Reference: *Lancet* (1956) i., 537



PABRACORT

INSUFFLATIONS

Packings and basic N.H.S. prices: Capsules, 10-12/8; 25-29/4; 100-114 Pabracort insufflation outfit (comprising 10 capsules and insufflator) 15

PAINES AND BYRNE LTD., PABYRN LABORATORIES, GREENFORD, MIDDLESEX

FRUIT JUICES
PHARMACEUTICALS
PRESERVATIVES
AROMATICS

When it comes to
'know-how'

we also are proud of
our skill...

BUSH

*FINE CHEMICAL
MANUFACTURERS*

W. J. BUSH & CO. LTD. LONDON · E 8 · ENGLAND

Telephone: CLIssold 1234



an eye for detail

Ransoms are *specialists* in the truest sense of the word . . . specialists not only in the production of vegetable drugs and galenicals, but also in the cultivation on their own farm of numerous medicinal plants. They therefore have a specialist's eye for detail—the all-important details of processing that contribute so much to the quality of the final product. So when next taking delivery of vegetable drugs and galenicals, keep an eye on the container labels — just to make sure you're receiving a Ransom product. It's a detail well worth watching!



EXTRACTS • TINCTURES • ESSENTIAL OILS
RESINS • CHLOROPHYLL

Actual Growers of BELLADONNA • HENBANE
FOXGLOVE • PEPPERMINT • LAVENDER

Samples and quotations gladly supplied



Established 1846

WILLIAM RANSOM & SON LTD

Hitchin

Hertfordshire

England

Introducing

Sebbix

Cream Shampoo

first



now



and the success story as before

1
POWERFUL NATIONAL ADVERTISING, ETC.

2
ATTRACTIVE DISPLAY CARDS

3
BEAUTIFUL PACKS

Bonus Offer

APRIL 23rd – JUNE 28th

6 tubes invoiced as 5

24 sachets invoiced as 20

Take fullest advantage of this long-term BONUS OFFER. Display and sell Sebbix CREAM Shampoo NOW, so that you can RE-ORDER maximum quantities before close of BONUS offer on June 28th.

SAMPLE ORDER

1 dozen tubes invoiced as 10	19/2d
4 dozen sachets invoiced as 40	17/3d

**On a total outlay of 36/5d (excluding P.T.)
you make a basic profit of 25/6d plus discounts**

Carriage will be paid on parcels of Genatosan products valued at £3 or over.



Available from

GENATOSAN LTD., LOUGHBOROUGH, LEICESTERSHIRE

ELASTIC BAND
TRUSSES

Eesiness

THE FINEST ELASTIC
SURGICAL APPLIANCESSURGICAL BELTS
CORSETS
BRASSIERESSUSPENSORY
BANDAGES

ELASTIC HOSIERY

- SEAMED - FINE OR STOUT
- SEAMLESS - FINE OR STOUT
- TWO-WAY STRETCH
LASTEX TYPE
- ELASTIC NET "EESINET"
IN COTTON OR NYLON
- • • TWO-WAY STRETCH - LASTEX TYPE



MADE WITH NYLON YARN

NATIONAL HEALTH
SERVICE APPLIANCES*of all Descriptions***E. SALLIS LTD.**VERNON WORKS • BASFORD • NOTTINGHAM
PHONE NOTTM. 77841/2 GRAMS "EESINESS"It is a long way
to CARLSBAD

... but nevertheless you can benefit from the world-re-nowned healing springs of this famous spa. Carlsbad thermal salt replaces it by providing complete home treatment for stomach and gall diseases of all kinds — of course only if it is the genuine, natural one, from

Karlovy Vary!



Distributed by :

CHEMAPOL

Panská 9., Praha II., Czechoslovakia

CHRYSAROBIN

A "TREE OF LIFE" PRODUCT

CARNEGIES
CHRYSAROBIN

*Manufactured at our
Garden City Factory
and distributed
to all
world markets*



CARNEGIES OF WELWYN LIMITED

Manufacturers of Fine Chemicals **WELWYN GARDEN CITY • ENGLAND**

Telephone: WELWYN GARDEN 5001 (10 lines)

Cables: CARNEGIES, WELWYNGARDEN CITY TELEX

Telex: LONDON 28676



TRINITRINE Caféinée (Dubois)

SODIUM GENTISATE (Gabail)

SYRUP PERTUSSIS (Gabail)

TULLE GRAS (Lumière)

FLEET ENEMA

ENCYNEX

ELIXIR GABAIL

THIONAIODINE

MYCOLACTINE

IODOBESIN

AFDIGYL

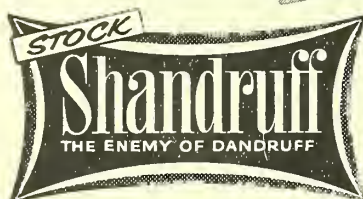
Details of these and other ethical
products may be obtained from:

THE ANGLO-FRENCH DRUG CO. LTD.

11-12 GUILFORD STREET, LONDON, W.C.1 Phone Holborn 6011

MORE TILLS
*are tinkling every
week*

Is yours? Have you
ordered Shandruff yet?
It's time you stocked
this new money spinner,
because as a 6d.
sachet it is now doing
big figures. Reasons
(1) It's very, very good
(2) It's most attractive
(3) It's an automatic
"repeater." S



These neat little counter
cards will aid your sales.

Price 42/- per gross sachets, plus P.T. AVAILABLE ON SALE OR RETURN
Overseas Enquiries to:
Gordon & Gotch, Ltd. (export division), 75/79 Farringdon St., London, E.C.4.
or from your usual wholesaler and

VINES BIOCRIN LIMITED

222-224, HARROW ROAD, LONDON, W.2

Telephone: CUNningham 1172-3

For acidosis...
recommend

Rayner's
Lembar

all the year
hot or cold



Lemons, Glucose,
Scotch Barley & Sugar

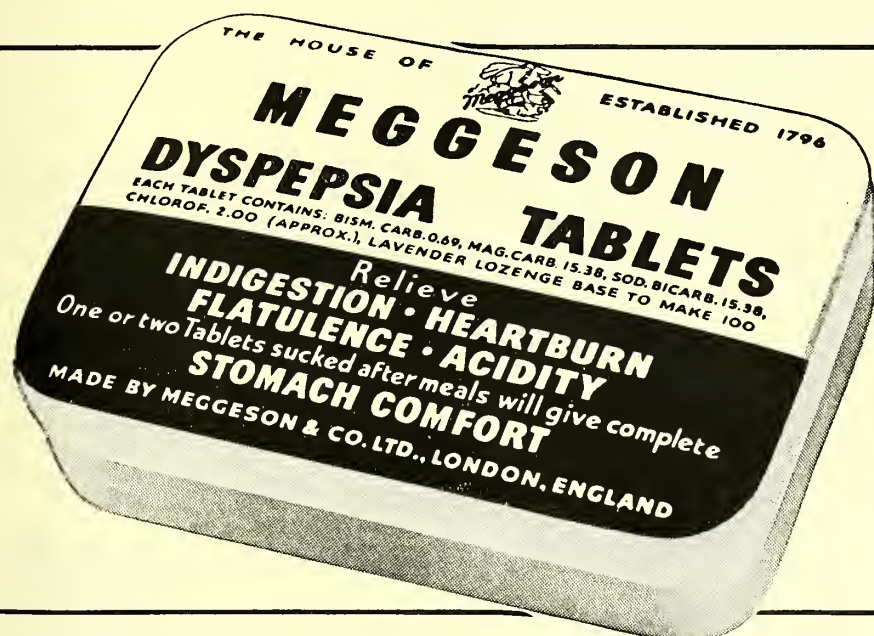
Controlled Resale Prices:

13oz 2s. 4d.

26oz 3s. 6d.

MADE BY RAYNER AND COMPANY LIMITED, LONDON, N.18

THROUGHOUT THE HOLIDAY SEASON



IN GREATER DEMAND THAN EVER



Meggeson & Co. Ltd., London, S.E.16

3 world-famous Inecto money spinners

★ COLOUR CREME

New and exciting! Rich creme in a tube that conditions as it tints. Easy and pleasant to apply. 3/4 + P.T. Retail 8/-

★ INECTO RAPID

Has a 40 year reputation as the world's supreme recolourative. Known and asked for by name. Sells and sells and sells.

2/6 + P.T. Retail 6/-

★ FOUR-IN-ONE

As though by magic, lightens, brightens, colours and conditions. May be poured on the hair like a shampoo.

2/6 + P.T. Retail 6/-

Both restore colour permanently to grey and white hair. Complete, in the same 18 natural shades, with Picture Directions.

**Ask for free Shade Indicator.*

For hair that is drab or faded or with just that touch of greyness. In 11 lovely shades.

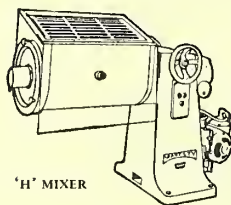
FROM YOUR USUAL WHOLESALER

Advertised on a grand scale

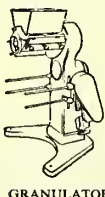
Enquiry Bureau : INECTO HOUSE, 27 DOVER STREET, LONDON, W.1
HYDE PARK 7541 (12 LINES)



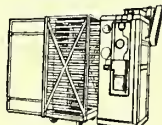
TABLET MAKING MACHINERY



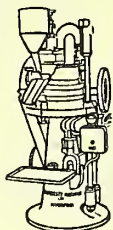
'H' MIXER



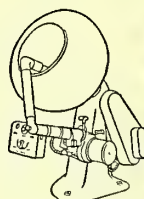
GRANULATOR



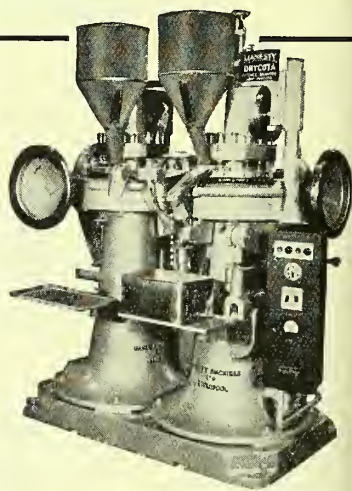
DRYING OVEN



TABLET MACHINE



COATING PAN



MANESTY MACHINES LTD., make a large range of tableting machines, from the small hand-operated model to machines suitable for tablets up to 2½ inch diameter or, where large outputs of smaller tablets are required, machines with outputs up to 95,000 per hour. Included in the range are the well-known Manesty Mixer, Rotorgran, Coating Pans and Drying Ovens, so that the complete equipment for tablet making can be supplied.

An advisory and experimental service is available.

Please write for fully detailed leaflets.

MANESTY MACHINES LIMITED

5 EVANS ROAD · SPEKE · LIVERPOOL 19

Telephone: Hunts Cross 1972

Telegrams: Manesty, Liverpool 19

... and the **"DRYCOTA"**

COMBINED TABLET MAKING and
COMPRESSION COATING MACHINE
FOR CONTINUOUS PRODUCTION
The revolutionary machine which makes and
coats tablets in one operation

Send today for your copy—'Tablet Making.'
123 pages, 31 formulæ, 47 illustrations.
Cloth bound. 15/- net. Post free.

TABLET MACHINES · MIXERS · GRANULATORS · COATING PANS · AUTOMATIC WATER STILLS

**"So this
is
Vistascreen!"**

*says T.V. personality
Benny Lee*

**"Yes, and that's
me—in
3-D!"**

*says his glamorous
companion*



Luscious models are more curvaceous in 3-D.

Take a tip from Benny Lee. Stock the Vistascreen 3-D viewer and views.

There's something for everybody. Towns, cities, resorts, glamour, historic houses, a junior series and many more.

A sure-fire profit spinner with repeat business *all* the year round.

Stocked by Messrs. SANGERS LTD., and all leading wholesalers

THE VISTASCREEN CO. LTD. 16 Soho Sq., London, W.1 Tel: COVent Gdn. 3333
(A Member of the Capital Group of Companies)

VISTASCREEN 3-D VIEWER 2/6 each retail

VISTASCREEN 3-D VIEWS 2/6 per set retail

world's
best
soluble
sanitary
towel...

WHITE LILAC

REGD. T. M.



When it's a question of a soluble towel, there's only one right answer — **WHITE LILAC** by Southalls, the *perfect* soluble sanitary towel for easy disposal. Stock up with it! The name Southalls means regular demand — and steady profit for you.

and
it's

by Southalls

makers of sanitary towels for over 70 years
SOUTHALLS (BIRMINGHAM) LTD.
CHARFORD MILLS, BIRMINGHAM 8

The Best costs no more!

when ordering **ZINC OXIDE**
insist on —

FELLING
ZINC OXIDE B.P.

AND GET THE
Highest Standard of Purity

WHOLESALE ONLY SUPPLIED
ENGLISH MANUFACTURE
USED THROUGHOUT THE WORLD

Guaranteed free from lead and arsenic. Its manufacture is supervised throughout by qualified chemists. Each particle size will pass 240 mesh with less than 0.1% residue.

We supply most Wholesalers, but should you have difficulty please contact

H. LATTIMER

22 UPPER GROUND,
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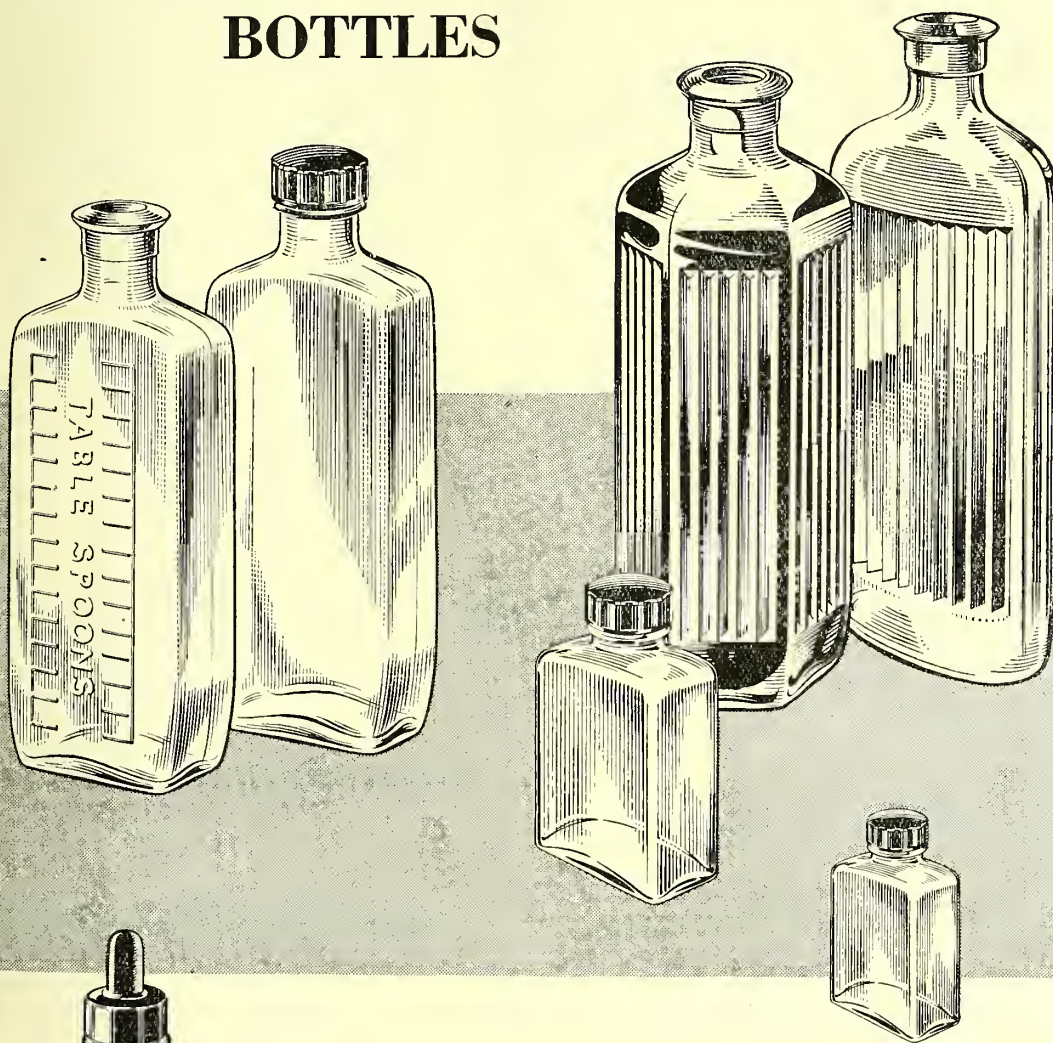
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In the new super spray. This fine, fast-selling product is an article you can recommend with confidence.

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The nutritive 24 cream shampoos in the plastic dispenser injector bottle. Price 25/- per dozen, P.T. 7/6d. per dozen, Retail 3/9d. Now in triple sachets—mounted on a showcard, 3 shampoos for 10½d. retail, 6/- per doz, P.T. 1/10 per doz. Also in tubes sufficient for 3 shampoos, 5/- per doz. + 1/6 per doz, Retail 9d.

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The ultra light, high gloss, vitaminized oil, helpful to drier types of hair. Price 17/6d. per dozen, P.T. 15/9d. per dozen, Retail 3/9d.

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A wonderful new hair and scalp tonic, applied after shampooing and before setting. In plastic injector bottle, Retail 3/3d. 20/- per doz, P.T. 6/- per doz.

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30 brilliant, favourite shades. Orders or one gross bring you a free Counter Display Cabinet on request. Easy 'look and-choose' opportunity for your customers. Shade Card and Showcards also available.

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36 swabs 1/-

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4 doz. No. 1	9/-	£1 16 0	
3 doz. No. 2	10/6	1 11 6	
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SPONGE BAGS. Subject to 90% Tax			
2 doz. ass'td plastic design	8/-	0 16 0	
1 doz. gent's plastic design	8/9	0 8 9	
		£6 2 1	

ORDER NO. 2

MARINA FACE CLOTHS	Unwrapped	Per doz.	Total cost
2 doz. No. 1	9/-	£0 18 0	
2 doz. No. 2	10/6	1 1 0	
1 doz. No. 3a	14/11	0 14 11	
1 doz. No. 3 (wrapped)	16/-	0 16 0	
1 doz. No. 4	18/9	0 18 9	
SPONGE BAGS. Subject to 90% Tax			
2 doz. ass'td plastic design	8/-	0 16 0	
1 doz. gent's plastic design	8/9	0 8 9	
1 doz. double plastic design	16/-	0 8 0	
		£6 1 5	

The above quantities can be varied as required, provided the total value of the order is not less than £6.

Keep your sales of face cloths and sponge bags moving in the coming months by keeping them on display. And they are displayed as they should be on the new, specially-designed Marina Wire Display Stand.

You can get this attractive, coloured wire stand *free with order* for Marina Face Cloths and Sponge Bags—popular, always-in-demand lines for your summer trade. In Marina Face Cloths you have a first-class Lancashire-made range woven in bright colours and modern designs. The Sponge Bags are in the new season's styles and colours.

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Still the most popular
Corn remover



DISPLAY NOW



Carnation Corn Caps are well known and sell readily. Over the years they have become very firmly established and more and more widely known through recommendation and national advertising. Demand increases at this time of the year, and a regular prominent display from now until the winter will pay you well. Carnation Corn Caps have been a C.F. line since its inception.

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Announcement

NEW RETAIL PRICES

	OLD PRICE	NEW PRICE
STANDARD	1/9	1/10
LARGE	2/7	2/8

Higher costs in the production of Colgate Dental Cream have forced us to make a slight increase in the prices of the Standard size and Large size tubes effective from April 12th, 1957. No change has been made in prices of Medium and Extra Large size tubes.

Colgate Dental Cream is the
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NEW SHOPS, South Street, Romford, close to Station, suitable for all trades. Rents from £550 per annum exclusive. Full details from Hilbery Chaplin & Co., Chartered Auctioneers & Estate Agents, 135 South Street (opp. station), Romford. Telephone: Romford 163/4 and 3309. C 4598

BUSINESSES WANTED

WE WISH to purchase a number of proprietary medicine or allied businesses. Size immaterial. Please address all communications, which will be treated in strictest confidence, to Managing Director, Clivedon Corporation, Ltd., Abford House, Wilton Road, London, S.W.1. C 4599

BUSINESSES FOR DISPOSAL

DRUG STORE. With off-licence, main-road suburb, prosperous West Riding town. No opposition; excellent opportunity chemist. Freehold property with living accommodation (partly furnished if required), fixtures, fittings, goodwill and stock (approx. £400). All in £2,000. Box C 4625.

APPOINTMENTS

BUCHANAN HOSPITAL, ST. LEONARDS-ON-SEA

Locum Pharmacist

required 14 days late August. Salary £16 16s. per week. Apply with full particulars to Administrator, Buchanan Hospital, St. Leonards-on-Sea. C 6503

CENTRAL GROUP HOSPITAL MANAGEMENT COMMITTEE

Locum Pharmacists

required for duties within the Group during period:—

10th June—15th June;

19th August—24th August.

Salary up to 16 guineas per week. Applications to Chief Pharmacist, St. Leonard's Hospital, Nuttall Street, London, N.1. C 6533

CLARE HALL HOSPITAL, SOUTH MIMMS,

Nr. BARNET, HERTS

(405 beds for diseases of the chest)

Senior Pharmacist

required. Whitley Council scale, including London Weighting (also £25 per annum for higher qualification if appropriate). Department serves other hospitals.

Applications, stating age, qualifications, experience, and giving names of two referees, to be sent to the Medical Director. C 312

CENTRAL GROUP HOSPITAL MANAGEMENT COMMITTEE

Senior Pharmacist

required at Bethnal Green Hospital (350 acute beds). The department has recently been modernised and is approved for training students. N.H.S. scale within the range £680—£870, plus appropriate higher qualification allowance. Apply with details of age, training and experience to the Group Secretary, 213 Kingsland Road, London, E.2. C 6496

CLARE HALL HOSPITAL, SOUTH MIMMS, BARNET, HERTS

Assistant-in-Dispensing

required. Whitley Council rate of pay, plus London Weighting. Applications to Medical Director. C 322

CONNAUGHT HOSPITAL, WALTHAMSTOW, E.17

Locum Assistant-in-Dispensing

(Apothecaries' Hall Certificate) required for the week 27.5.57 to 1.6.57. Salary £9 f1s. 6d. Apply Secretary, Forest Group H.M.C., Langthorne Road, E.11. C 6517

CROYDON GROUP HOSPITAL MANAGEMENT COMMITTEE,

MAYDAY HOSPITAL

(611 beds)

Senior Pharmacist

Immediate vacancy. Modern Department. Opportunity to secure wide experience in Hospital Pharmacy. Salary scale £650 x £30 (6)—£830 plus London Weighting. Higher qualification allowance payable where applicable. Written application giving age, qualifications and details of previous experience to be sent to the undersigned within 7 days of the date of this advertisement.

GEORGE A. PAINES,

Group Secretary.

General Hospital,

London Road, Croydon.

C 6518

GENERAL HOSPITAL, MARGATE

Deputy Chief Pharmacist (Category IV)

Whitley Council salary scale £675 to £910 per annum. Applications, stating age, qualifications and experience, with names of two referees, to the Hospital Secretary. C 325

KING EDWARD VII HOSPITAL, WINDSOR

Locum Pharmacist

required, June to August inclusive. Salary by arrangement. Applications to Secretary, as soon as possible. C 6504

GENERAL HOSPITAL, RAMSGATE

Chief Pharmacist (Category II)

Whitley Council salary scale £725 to £990 per annum. Applications, stating age, qualifications and experience, with names of two referees, to the Hospital Secretary. C 324

MILLER GENERAL HOSPITAL, GREENWICH, S.E.10

(180 beds)

Pharmacist

Applications are invited for the post of pharmacist in a well-equipped pharmaceutical department at the above hospital. Inspection by arrangement with Chief Pharmacist (tel.: Tid. 1136). Salary £580-£785 plus London Weighting. Applications to Sec., G. & D./H.M.C., St. Allege's Hospital, Greenwich, S.E.10. C 652f

MILLER GENERAL HOSPITAL, GREENWICH, S.E.10

Assistant-in-Dispensing

permanent or locum required. Whitley Council rate and conditions. Apply Chief Pharmacist. Tel.: Tid. 1136. C 6520

ST. ALBANS CITY HOSPITAL, NORMANDY ROAD,

ST. ALBANS, HERTS

(384 beds)

Senior Pharmacist

Applications are invited for the post of Senior Pharmacist (Category III) at the above busy general Hospital within easy reach of Central London. Whitley Council salary and conditions.

Applications stating age, qualifications and experience to the Chief Pharmacist. C 6484

THE UNITED NEWCASTLE-UPON-TYNE HOSPITALS

Locum Pharmacist

required for duties at the Royal Victoria Infirmary for May, June and July.

Applications to be sent as soon as possible to the House Governor and Secretary, Royal Victoria Infirmary, Newcastle-upon-Tyne, 1, with details and names and addresses of two referees. C 6508

WOOLWICH GROUP HOSPITAL, MANAGEMENT COMMITTEE

Locum Pharmacists

required from mid May onwards at Brook General Hospital, Shooters Hill Road, S.E.18 (Tel.: Woolwich 1172) and at St. Nicholas Hospital, Tewson Road, Plumstead, S.E.18 (Tel.: Woolwich 1441). Salary £16 f6s. per week. Apply to the Chief Pharmacist at the hospital. C 6499

SITUATIONS VACANT

RETAIL (HOME)

A MAIN STREET, very busy, pharmacy in the centre of Woolwich has a vacancy shortly for a pharmacist manager. Optical qualifications an advantage but not a necessity. Applicants should be experienced in this type of pharmacy, able to control a number of staff, and be enthusiastic in developing sales ideas. No rota or half-day duties. This is an excellent opening for an experienced pharmacist, with commensurate salary. Superannuation and death benefit scheme. Please give full details of age, previous experience, etc., to Managing Director, Arnold M. Gee, Ltd., 12 High Street, Colliers Wood, London, S.W.19. C 4629

BRENTWOOD. Managing pharmacist required for modern and attractive business. There is a substantial salary and good supporting staff. The position offers considerable prospects and superannuation benefits. Apply, stating full details and when available for interview to Box C 4606.

CARDIFF. Qualified manager required good-class suburban pharmacy, with large flat on two floors above. Please apply as soon as possible with full details to E. G. Howells & Sons, Ltd., 130 Queen Street, Cardiff. C 4612

PETERBOROUGH. Pharmacist required in the near future to manage large new modern branch. An attractive self-contained flat is now being completed and will be available at a reasonable rent. Wage approximately £900 per annum. This is a permanent, superannuated post with excellent conditions of employment, and prospects. Apply giving full particulars to Peterborough Co-operative Chemists, Ltd., Park Road, Peterborough. C 4596

SALES PROMOTION

An interesting job of sales promotion is offered by a well-known firm of pharmaceutical chemical manufacturers. It provides an attractive salary with good prospects to a qualified or experienced pharmacist with some knowledge of this type of work. Age preferably between 30 and 40. Pension scheme available. All applications treated in strict confidence. Box C 6425.

Situations Vacant—Continued

PHARMACIST required for unexpected vacancy near Clapham Junction, Living accommodation. Shop is being completely modernised. This is an unusual opportunity to manage a completely refitted pharmacy in busy street. Superannuation scheme. Holiday arrangements honoured. Please give, in strictest confidence, all details of age, previous experience, etc., to Box C 4628.

PHOTOGRAPHIC STAFF. London Co-operative Chemists are desirous of obtaining the services of male or female staff interested in the sale of photographic requisites and cameras. The positions offer progress and promotion and are situated in various suburban districts of London. Application by letter to Photographic Manager, Grange Road, Leyton, E.10, when an appointment will be arranged. C 4609

WOODFORD. Pharmacist required for a substantial cosmetic and dispensing business in this area. The shop is attractively fitted with a good supporting staff and the salary structure is appropriate for the position envisaged. Apply with full details, stating when available for interview to Box C 4607.

LOCUMS WANTED

LOCUM TENENS Pharmacist of experience required to undertake several months tour of duties in the London area. Expenses and salary basis. Applications in first instance to Chief Pharmacist, London Co-operative Chemists, Ltd., Grange Road, Leyton, E.10. C 4608

PHARMACIST required as Locum for any period of five weeks from July 22 to end of September. Capable and adequate staff employed. State terms to Chatham Co-operative Chemists, Ltd., 181 High Street, Chatham, Kent. C 4602

RETAIL (OVERSEAS)

NORTHERN RHODESIA

INCREASED business and an extensive expansion policy enables a well-established firm of retail and wholesale chemists to offer progressive positions to pharmacists and unqualified assistants.

Contributory Pension Scheme.

Medical Aid Fund.

Accommodation—On a rent-free basis.

Leave Conditions :—

40 days per annum with travelling expenses at the rate of £200 (married) and £100 (single) after the first contract of 3 years' satisfactory service. 30 days leave per annum may be accumulated for a maximum period of 3 years, and 10 days must be taken locally depending on the exigencies of the service.

Passage :—

Passages and train fare paid to Northern Rhodesia on understanding that employees remain for 3 years. Should any employee resign in the interval a pro rata proportion of the passage and train fare becomes repayable.

Salary Scale :—

The minimum per month for the 1st, 2nd and 3rd year respectively will be :—

	1st year	2nd year	3rd year
Qualified :	£80	£90	£100
Unqualified :	£55	£65	£75

Write in confidence, giving fullest details as to age, qualifications, experience, marital status, etc., to :—

The Secretary,
Holdsworths (Chemists), Limited,
P.O. Box 20,
BROKEN HILL,
Northern Rhodesia. C 6527

APPLICATIONS invited from experienced Pharmacists for position with old-established chemists and druggists in British East Africa. Five years' agreement, but any coastal service reduces the term by 14 days per month for each month served at the coast. Salary £100 to £125 per month dependent upon experience. Assisted housing at coastal centres, 5 months' leave on full pay at the end of term or alternative of one month's leave per annum on full pay, a proportion of which may be accumulated to end of contract. Passage paid both ways. Contributory Provident Fund. Personnel holding Irish Degrees entitled to apply. Write for interview, giving age, qualifications, experience, whether married, any family, to W. A. Sparrow & Co., Ltd., 4 Chiswell Street, London, E.C.1. C 6511

NORTHERN RHODESIA. Vacancy for energetic gentleman Pharmacist (G.B. or N. Ireland) to take over management after a few months of local training. Applicants should be used to taking full charge, and have a sound knowledge of good-class pharmacy, photography and staff control. Should be keen workers and prepared to co-operate fully. Good salary, commission, housing allowance, and Air fare paid out. Initial contract to be arranged. Please reply fullest details and any queries, etc., to Mr. R. L. Jackson, P.O. Box 183, Ndola, Northern Rhodesia, by Air Mail. C 4597

WHOLESALE

ALLIED LABORATORIES, LIMITED

Applications are invited for the position of medical representative for the area comprising Hertfordshire, Bedfordshire and Buckinghamshire. Previous experience is not essential but applicants should have a good pharmaceutical background, reside in this area and preferably be car owner. Remuneration by salary, commission and expenses. An attractive pension scheme is in operation. Write giving full details of career to date to Sales Manager, Allied Laboratories, Ltd., 140 Park Lane, London, W.1. C 6535

BECAUSE of expansion of our Sales Force there are vacancies throughout the country for representatives to call on doctors, hospital and retail pharmacists. Applicants should have some pharmaceutical background or training and should be between 25-35 years. Previous selling experience will be an advantage. Remuneration is by salary and a prize scheme is operated. Expenses are allowed, company car provided and there is a non-contributory pension scheme. Applications giving full particulars of education and past experience should be addressed to Sales Manager, Lederle Laboratories Division, Cyanamid of Great Britain, Ltd., Bush House, Aldwych, London, W.C.2. C 6525

GENATOSAN LIMITED
A member of the Fisons Group of Companies

has several vacancies in the Pharmaceutical Development Department for assistants, some of whom should have Intermediate B.Sc. or Apothecaries' Hall qualifications. The posts require some experience in pharmaceutical laboratory or dispensary practice; they should appeal to those who take an interest in precise experimental work and who are capable of keen observation.

The Department comprises a group of modern laboratories which afford excellent working conditions. Good salaries are offered. Applications giving a brief written summary of personal history should be addressed to: The Personnel Officer, Genatosan Limited, 12 Derby Road, Loughborough, Leics. Please quote Ref.: 22. C 6486

LITTO Preparations

are now being manufactured by

VINES BIOCRIN LTD.

222-224 HARROW ROAD, LONDON, W.2

to whom all orders and enquiries should be addressed

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SPECIAL & STANDARD

CITY FIRM require the services of an energetic man for the sale of Fine Chemicals to Manufacturing Chemists in the U.K. The position offers excellent prospects to a really good active man. Applications with full details of age, previous experience and salary required Box C 4619.

DRUG PRICING and telephone order clerk (female) required by South-east London house. Five-day week. Canteen facilities. Details experience to Box C 6519.

EXPERIENCED REPRESENTATIVE used calling on wholesale and retail chemists, hardware and large stores, required for West Lancashire, part Cheshire and North Wales leading manufacturers whose products include Suba Seal Hot-water Bottles, Baby Feeding Requisites and Suba Maid Domestic Products. Progressive position, good salary, commission and expenses. Applications stating age, experience and present territory to William Freeman & Co., Ltd., Suba Seal Works, Peel Street, Bursley, Yorkshire. C 65

GENATOSAN LIMITED
A member of the Fisons Group of Companies

is about to open a Packaging Development laboratory within the Pharmaceutical Development Department and has a vacancy for a suitably qualified person to take charge. The work will comprise the selection of packaging materials, mainly for new products, but will not deal with matters such as external decor; it will involve liaison with other development staff, understanding of the types of product handled and extensive study and shelf-life testing of various packaging materials. A pharmacist with some experience of pack testing could probably fill this post satisfactorily, but others who are interested in the proposition are invited to apply. New laboratories are being constructed and excellent working conditions prevail. A commencing salary of not less than £850 per annum is envisaged (depending on age, qualifications, and experience) and a contributory pension scheme operates. Applications giving brief personal details should be addressed to the Personnel Officer, Genatosan Ltd., 12 Derby Road, Loughborough, Leicestershire. Please quote Ref.: 21. C

MEDICAL DEPARTMENT EXECUTIVE

quired by prominent pharmaceutical company in London area. Duties include inter alia compiling and editing of medical literature, initiation of clinical trials. Medical qualification an advantage, but not essential if applicant has appropriate background and experience. Salary £1,250 upwards commensurate with qualifications and experience. Applications in confidence, giving full particulars to Box 891, Smiths', 296 High Holborn, London, W.C.1. C

GENATOSAN LIMITED
A member of the Fisons Group of Companies

requires a Pharmacist to fill a vacancy in the Pharmaceutical Development Department. Experience in the development of pharmaceutical specialties, especially tablets, would be advantageous, but keenness to enter the field would be taken into account. The work is mainly concerned with new products and calls for skilful laboratory methods along with a sound appreciation of recent trends.

A commencing salary of not less than £850 per annum is envisaged and a contributory pension scheme is operated. Applications giving brief personal details should be addressed to the Personnel Officer, Genatosan Limited, 12 Derby Road, Loughborough, Leics. Please quote Ref. 20. C

SALES MANAGER

YARDLEY & CO. LTD., require **SALES MANAGER** for the Home market, **LONDON OFFICE**. Candidates must be in a position to demonstrate a successful record of sales management and control of a sales force of high calibre representatives.

Essentials for this important executive position are: thorough knowledge of the market, and marketing methods, and practical experience of direct selling of perfumes, cosmetics, soaps and toiletries to high grade stores and chemists. This is not a position for which a man is to be trained; it is one for a personality who has acquired the stature which is necessary, and is already in receipt of salary at least £2,500 per annum. Only those who are confident they can demonstrate, without question, their claim to possess those qualities should apply, by letter only, please. Calls by telephone, or in person will not, in the first instance, qualify for consideration.

Applications, addressed **Yardley & Co. Ltd.**, 33 Old Bond Street, London, W.1, and marked—**Confidential; Y.D.2.**, will be considered, in strictest confidence by the Sales Director of the Company.

C 6528

Situations Vacant—Continued

LEADING IMPORTER/EXPORTER/DISTRIBUTOR has opening for young man as sample clerk, previous experience not essential, but interest in chemistry an advantage. Reply Box C 315.

S. MAW SON & SONS LIMITED

invite applications from men with successful sales experience as Chemist Salesmen in Leeds and districts.

Applicants should be between 27 and 41, and able to take up residence on the territory concerned.

Introduction to the Company's Sales Organisation and Products through comprehensive training will commence shortly.

Remuneration will be by salary, commission and expenses; a car is provided.

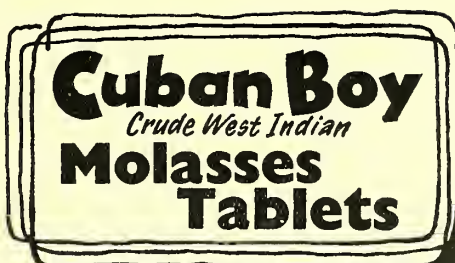
Applicants should give full details of education and previous appointments in strictest confidence to: Home Sales Manager, **S. Maw Son & Sons Ltd.**, Aldersgate House, Barnet, Herts. C 6509

MEDICAL REPRESENTATIVE required to cover Yorkshire/Durham/Northumberland area. Applicants between 25 and 40 years of age will be considered and a good pharmaceutical background is an important asset. Previous experience as medical representative not essential as full instruction will be given. Please state age and salary required. Box C 326.

PRODUCTION FOREMAN

required to supervise the manufacture of pharmaceutical specialties. Applicants should have a sound knowledge of modern production methods. 5-day week. Canteen facilities. Modern factory. Apply giving full details to Box C 6523.

PROCESS operative required by medium-sized pharmaceutical plant, situated near Rickmansworth. Applicants must have experience in the manufacture of creams and lotions. Attractive salary for the right applicant. Apply in writing to **Pretested Products, Ltd.**, Maple Cross Industrial Estate, Rickmansworth. C 6506

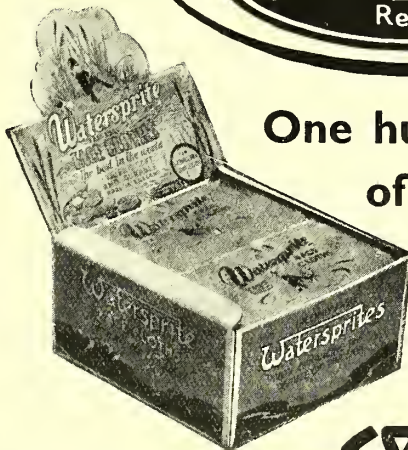


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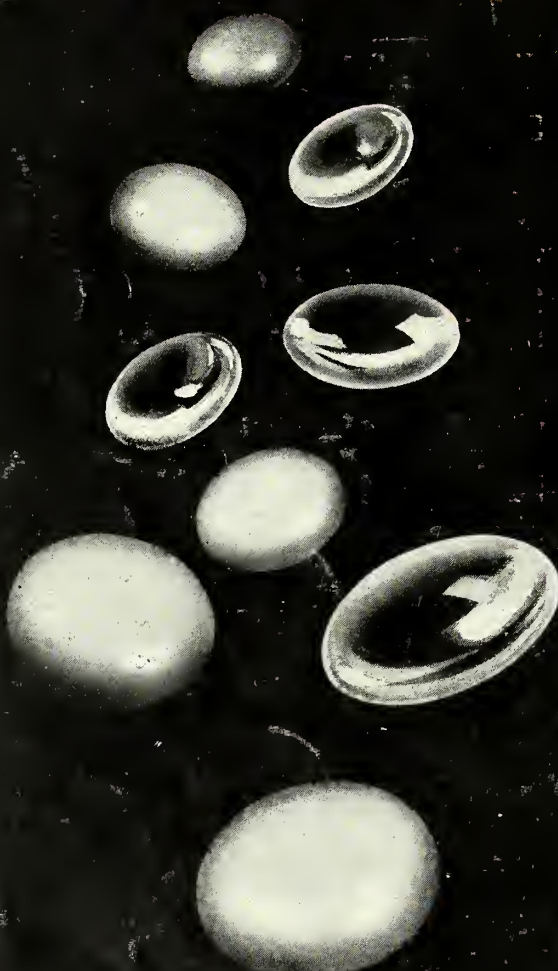
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